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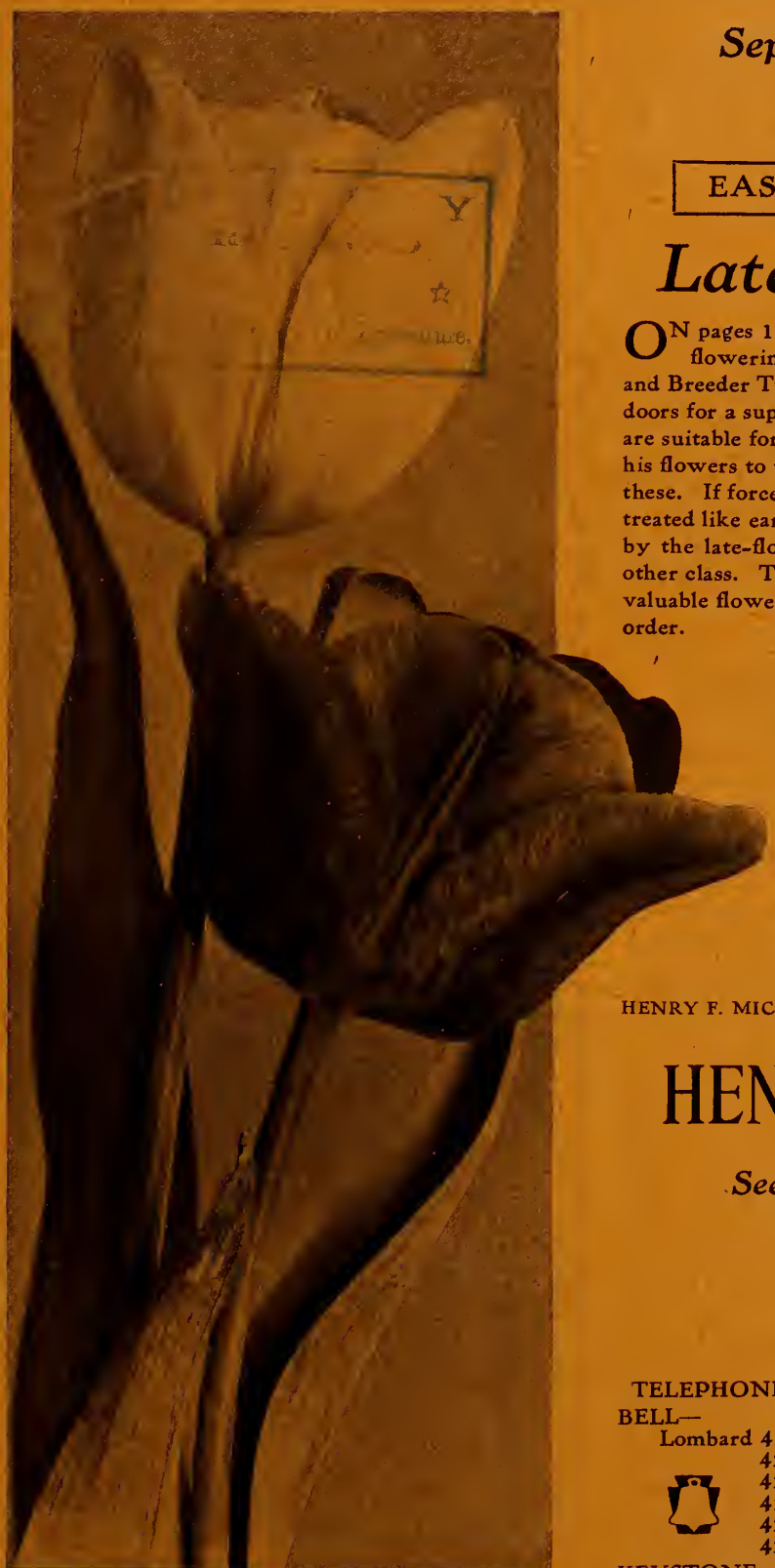
MICHELL'S WHOLESALE PRICE LIST OF BULBS, Etc.

September, October, November

1915

EASTER IN 1916 COMES APRIL 23d



Type of Darwin Tulips—the money maker for the cut flower grower

	100	1000
Upper Variety—White Queen	$1.80	$16.50
Lower Variety—Baronne de la Tonnaye	1.50	12.00

Late-Flowering Tulips

ON pages 12 and 13 of this book are offered an up-to-date list of late-flowering Tulips, including Darwins, Cottage Garden, Rembrandt and Breeder Tulips. All of these are highly desirable for planting out doors for a supply of spring cut flowers, while many of the Darwin sorts are suitable for forcing. The florist who has store trade, or who delivers his flowers to the retailer who has a fancy trade, will make money from these. If forced, they require only a moderate heat; they should not be treated like early-flowering forcing tulips. The shades of color produced by the late-flowering tulips in many cases cannot be duplicated in any other class. The stems are 18 to 24 inches long, which makes them a valuable flower for cutting. Be sure and include some of them in your order.

IMPORTANT NOTICE

Few florists realize the importance of placing their orders early. This avoids many disappointments. Many wait until the season is well advanced, which makes it impossible to always procure the varieties desired. WE repeat—ORDER EARLY—the best time is on receipt of this catalog.

HENRY F. MICHELL, President

FRED'K J. MICHELL, Vice-President

HENRY F. MICHELL CO.

Seeds, Bulbs, Plants, Garden Tools

Fertilizers, Insect Destroyers

Poultry Supplies, Etc.

TELEPHONES

BELL—
Lombard 4220
4221
4222
4223
4224
4225

KEYSTONE—
Main 3600
3601

518 Market Street

Philadelphia

Warehouses

509-511-513 Ludlow St.

Greenhouses, Nurseries and Trial Grounds

ANDALUSIA, PA.

BUSINESS TERMS—We *especially invite Charge Accounts.* A charge account is more convenient than to remit for each order at the time it is sent us; you pay no more for your goods by reason of this accommodation. As to our responsibility, we refer you to *Dun's* or *Bradstreet's Mercantile Agency.*

When sending your first charge order, refer preferably to some one in either your own or our line of business with whom you have a charge account. This saves many a delay. When sending us your first order accompanied by remittance, we prefer cashier's check or money order, unless cash is sent. This frequently also saves delays.

Net Cash Items—Grain, Clover, Bird and Farm Seeds, also Fertilizers, are handled on close margins and sold with no cash discounts.

Discounts—On bills for Flower, Vegetable Seeds and Bulbs, a discount of 2% for payment 10 days from receipt of bill may be deducted, if cash accompanies the order 3% may be deducted on such items. All other goods are strictly net, as are also bills for goods supplied under special quotation unless otherwise agreed upon.

All contracts and acknowledgments are contingent upon crop failures, partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order. Henry F. Michell Company endeavors to send out only the very best quality of Seeds, Bulbs and Plants, but cannot guarantee results or crops. If customers do not accept goods on the above conditions, they may be returned to us within ten days.

Transportation Advantages Possessed by Philadelphia—

Our 518 Market St. Establishment—Salesrooms and Offices

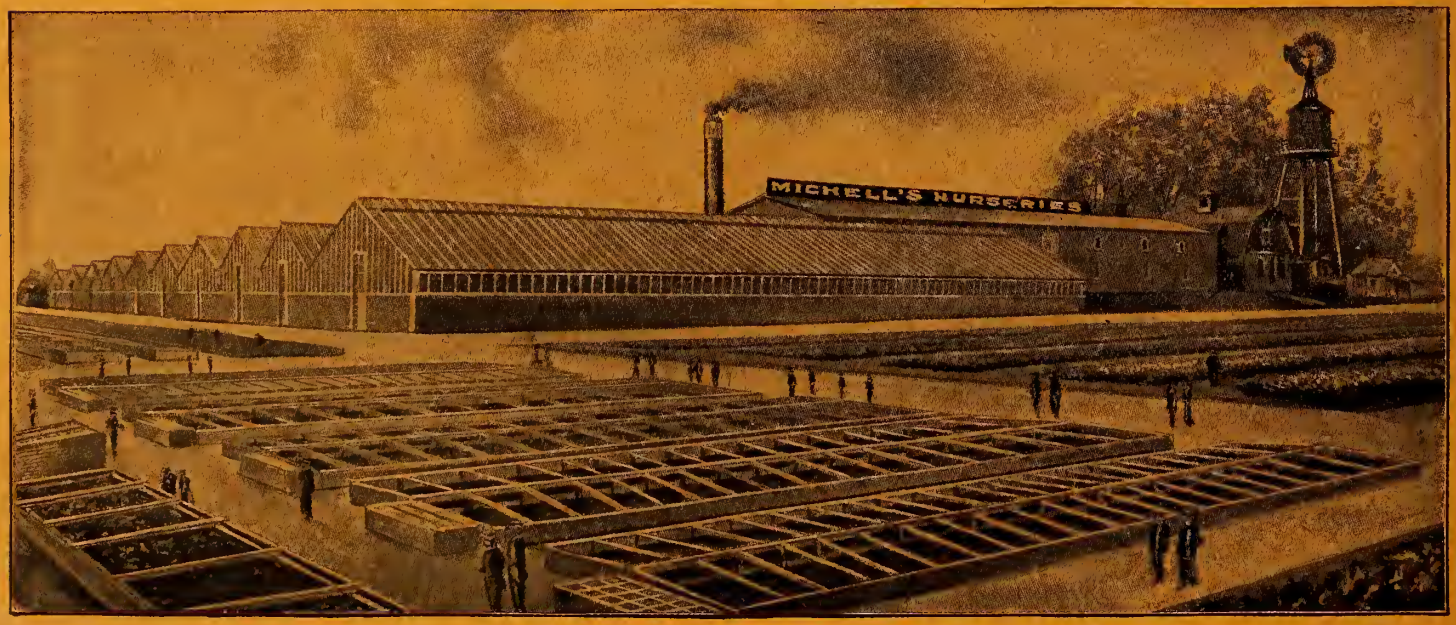
Warehouses and Storage 509-511-513 Ludlow St.

Freight. Philadelphia's transportation facilities are unsurpassed by any other city in the U. S. The Pennsylvania R. R., Philadelphia & Reading R. R., Lehigh Valley R. R. and the B. & O. R. R. all have terminals in Philadelphia. These lines offer special facilities and quick transportation to any part of the U. S. Several of them touch with their own lines extreme North, South and West. Where they do not run direct, they have traffic agreements with connecting lines.

Boat Connections. The Clyde Line S. S. Co. and the Merchants & Miners S. S. Co. sail direct from Philadelphia for points as far south as Jacksonville, and the connections they have with the Mallory Line serve other extreme southern points. The Merchants & Miners Line also sails direct from Philadelphia to Boston, from where it serves points in New England. Boat transportation affords one of the quickest and most economical ways in existence to-day for shipping goods.

Express Service. Philadelphia is served by express service of the Adams, Wells-Fargo, and American Express Companies, which reach every part of the U. S. Goods consigned to any point on their lines can be forwarded without transfer. Express rates are extremely moderate, compared to what they were, and we recommend this service, where quick delivery is wanted and especially for the transportation of plants and other perishable goods. Seeds, Plants and Bulbs enjoy a special express rate, lower than what is demanded for carrying general merchandise.

Parcel Post. This method provides a quick, reasonably safe and inexpensive transportation of such goods as will be accepted by Parcel Post, such as flower, vegetable, grass and field seeds and many sundries; liquid preparations cannot be mailed with safety. In most instances the weight of articles is noted in this catalog, so that it will be necessary for you to figure the postage between the zone you reside in and Philadelphia. Most any Postmaster will furnish you free with a table of rate postage applicable from where you reside, also the weight limits that apply to Parcel Post.



Michell's Nurseries, Greenhouses and Trial Grounds, Andalusia, Pa.

ATTACH PACKERS MEMO. HERE

Henry F. Michell Company endeavor to send out only the very best quality of Seeds, Bulbs, and Plants, but cannot guarantee results or crops. If customers do not accept goods on the above conditions, they can be returned to us within ten days.

Order Filled by_____

Bulbs_____ Pltr'y. Splies._____

Plants_____ Insect_____

Veg. Seeds_____ Fertilizer_____

Plant Seeds_____ Tools_____

CATALOG ORDER SHEET FOR **MICHELL'S** SEEDS, BULBS, PLANTS, Etc.

HENRY F. MICHELL CO., 518 Market St., PHILADELPHIA.

Order No.

Date_____ 191_

Send to LADIES WILL PLEASE PREFIX MISS OR MRS. USE HUSBANDS INITIALS IF MARRIED

In care of SAY HERE IF TO BE SHIPPED IN CARE OF ANYONE, AND WHO

P. O. Street or R. F. D. Address

Shipping Address NAME OF TOWN TO BE SHIPPED TO IF DIFFERENT FROM P. O. ADDRESS

County

HOW SHALL WE SHIP? MARK "X" UNDER HEADING SELECTED	FREIGHT	EXPRESS	BOAT	PARCEL POST	BAGGAGE MASTER	LOCAL EXPRESS	State

Charge to

Superintendent's or Gardener's Name FOR PURPOSE OF NOTIFICATION OF SHIPMENT

Charge Address

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L.

SPEC. TERMS

AMOUNT ENCLOSED IF REMITTANCE ACCOMPANIES ORDER	STAMPS	M. O.	CHECK	CASH
	DON'T WRITE IN THIS SPACE			

FILLED BY	D'BLE CHE'KD BY	FORWARDED BY	PACKED BY
DATE	DATE	DATE	DATE

DO NOT FILL OR SHIP UNLESS MARKED PAID, OR CHARGE AND REGISTERED

CUSTOMERS:—PLEASE DON'T WRITE IN THESE COLUMNS X OR √ FOR ORDER CLERKS

X	√	QUANTITY	DESCRIPTION	PRICE	UNIT	TOTAL		X	√	QUANTITY	DESCRIPTION	PRICE	UNIT	TOTAL	

115,000 PK. 35,000 BL, 12-14-HOE

MADE BY BAKER-VAWTER CO.

OVER

X	√	QUANTITY	DESCRIPTION	PRICE	UNIT	TOTAL		X	√	QUANTITY	DESCRIPTION	PRICE	UNIT	TOTAL	

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(hexex. sick.)

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25 YEARS OF SUCCESS IN BULB SELLING

Easter in 1916 Comes April 23d

This cut was made from a picture of one plant of **Lilium Formosum** (Michell's Bulbs), grown by "Potter," the florist, Wilmington, Del. The plant had 22 flowers and buds.

MICHELL'S SUPERB EASTER LILY BULBS

Lilium Harrisii (Michell's Special Brand)

By special brand we mean Lilies that have been grown, harvested and packed especially for us. They are the cream of the Bermuda Lily Crop, being a selection of the most uniform bulbs gathered in districts where the smallest amount (if any) disease exists. Every year the florists are making greater demands for this particular strain and we advise ordering early.

Size	Number of Bulbs per Case	Per Doz.	Per 100	Per 1000
5 to 7 inches	400	$0.75	$4.50	$42.00
6 to 7 inches	335	1.00	5.75	52.50
7 to 9 inches	200	1.50	9.25	85.00
9 to 11 inches	100	3.00	22.00	210.00

Lilium Harrisii (Regular Brand)

Size	Number of Bulbs per Case	Per Doz.	Per 100	Per 1000
5 to 7 inches	400	$0.70	$4.25	$38.00
6 to 7 inches	335	.85	5.50	50.00
7 to 9 inches	200	1.30	8.75	80.00
9 to 11 inches	100	3.00	21.00	200.00

Lilium Formosum (Regular Green Stem Strain)

This is a favorite type of Easter Lilies which proved so very satisfactory the last few years, desirable for early forcing. The green stem variety is desirable for flowering in January, February and March. Dark stem for March and April bloom; crop is short, therefore immediate ordering would be advisable.

	Bulbs in each Case	Per Doz.	Per 100	Per 1000
6 to 8 inches	400	$0.60	$4.50	$40.00
7 to 9 inches	300	1.00	6.50	60.00
7 to 9 inches	250	1.00	6.50	62.50
8 to 10 inches	225	1.30	8.75	80.00
9 to 10 inches	200	1.50	9.75	90.00
10 to 12 inches	150	2.00	14.00	130.00
12 to 14 inches		2.50	17.50	165.00

Lilium Formosum (Dark Stem Type)

This strain has given unusual satisfaction for the past four years. Our stock is from the introducer and can be relied upon for purity.

	Bulbs in each Case	Per Doz.	Per 100	Per 1000
6 to 8 inches	400	$0.80	$5.00	$43.00
7 to 9 inches	300	1.15	7.25	67.50
8 to 10 inches	225	1.50	9.50	88.00
9 to 10 inches	200	1.80	12.50	105.00
10 to 12 inches	150	2.25	15.00	140.00

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate (ha)

Cold Storage Lilium Giganteum

Never have we had a finer lot of these bulbs (especially packed for cold storage) than this year. They are the ideal money maker for the florist. Plant in early September for Christmas and New Year blooming.

We offer these in the following sizes:

6 to 8 inches	—	350	Bulbs	per case	8 to 10 inches	—	225	Bulbs	per case
7 to 9 "		300	"	"	8 to 10 "		200	"	"
7 to 9 "		250	"	"	9 to 10 "		200	"	"

We have special prices to offer on these and will be glad for your inquiry or order.

MICHELL'S SUPERB EASTER LILY BULBS

(Lilies on this page, except those in Cold Storage, ready in October)

The Japanese Lilies offered on this page are grown especially for us on contract, and may be depended upon to give best results; each year we endeavor to improve the quality by a careful selection of only the finest and most healthy bulbs. We are sure our Lilies will please you.

LILIUM LONG. MULTIFLORUM

This is the free flowering variety of Japan Easter Lilies and is grown extensively. We will send out only thoroughly ripened bulbs from the cleanest fields in Japan.

MICHELL'S SPECIAL QUALITY

These are an extra selection from the finest bulbs in Japan. The stock has been very carefully rogued and all weaklings and otherwise undesirable looking bulbs have been discarded. **These should suit the Critical Florist.**

	Bulbs in each Case	Per Doz.	Per 100	Per 1000
6 to 8 inches	400	$0.65	$3.75	$35.00
7 to 9 inches	300	1.00	6.00	55.00
8 to 10 inches	225	1.35	9.25	87.50
9 to 10 inches	200	1.60	11.00	100.00
10 to 12 inches	150	2.00	13.00	120.00

FIRST QUALITY MULTIFLORUM

	Bulbs in each Case	Per Doz.	Per 100	Per 1000
6 to 8 inches	400	$0.55	$3.75	$32.50
7 to 9 inches	300	.80	5.75	50.00
8 to 10 inches	225	1.25	8.25	77.50
9 to 10 inches	200	1.40	9.25	85.00
10 to 12 inches	150	1.75	12.50	115.00

LILIUM LONG. GIGANTEUM

MICHELL'S SPECIAL BRAND

This special strain can be relied upon for best results. Grown for us by the **most reliable** Lily grower in Japan, who carefully selects all his stock.

	Bulbs per Case	Per Doz.	Per 100	Per 1000
6 to 8 inches	400	$0.70	$4.25	$36.50
7 to 9 inches	300	1.00	6.25	55.00
8 to 9 inches	250	1.15	8.50	75.00
8 to 10 inches	225	1.40	9.25	85.00
9 to 10 inches	200	1.75	11.00	100.00
10 to 12 inches	150	2.25	15.00	135.00

LILIUM LONG. GIGANTEUM

REGULAR STRAIN

	Bulbs per Case	Per Doz.	Per 100	Per 1000
6 to 8 inches	400	$0.60	$4.00	$35.00
7 to 9 inches	300	.90	5.75	50.00
8 to 9 inches	250	1.25	8.00	70.00
8 to 10 inches	225	1.30	8.75	80.00
9 to 10 inches	200	1.50	10.00	92.50
10 to 12 inches	150	2.00	14.00	130.00

COLD STORAGE LILIES *(Ready Now)*

For forcing in all seasons, these usually bloom in 12 to 14 weeks. Every progressive florist should, from time to time, force a batch of them, as they are money-makers.

Important Note.—Always unpack immediately all cold storage Lilies on arrival. We forward these bulbs by express. If desired by freight, they travel at purchaser's risk. Cold storage Lilies are offered subject to being unsold when order is received.

COLD STORAGE LILIUM GIGANTEUM

Extensively grown for Thanksgiving and Christmas.

Size	No. of Bulbs Per Case
6-8	350
7-9	300
8-10	200
9-10	200
10-12	150

We have an extra fine lot of these imported and packed especially for cold storage purposes. We've had some very good reports on our stock and we know the quality will suit. **Write for prices.**

OTHER LILIES FROM COLD STORAGE

	Inch	Bulbs Per Case	Case
Album	9-11	125	$15.00
"	8-9	225	20.00
Magnificum	9-11	Sold out	
"	8-9	225	13.00
Melpomene	9-11	Sold out	
"	8-9	Sold out	
Rubrum	9-11	Sold out	
"	8-9	225	13.00

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

MICHELL'S HARDY LILIES

Lilium Candidum

(*Also called Madonna, Annunciation or St. Joseph's Lily.*)

Excellent for planting outdoors or for forcing moderately. Our bulbs are of the finest quality, and sure to give satisfaction. When planting, dust the bulbs thoroughly with flowers of sulphur, as this prevents the leaf curl and fungi from attacking it.

NORTH OF FRANCE BULBS. This is a wide or thick petaled flower variety, free from disease and producing more blooms than the South of France strain.

	Doz.	100	1000
Large Size Bulbs	$0.80	$5.75	$50.00
First Size Bulbs	.80	5.75	50.00
Mammoth Size Bulbs	1.00	6.75	57.50
SOUTH OF FRANCE BULBS			
First Size	$0.65	$4.50	$42.00
Mammoth Bulbs	.80	5.50	45.00

Hardy Japanese Lilies

Many florists force these with excellent results. Moderate heat is what they require. After potting, root them thoroughly in a cold frame or house free from frost.

	Bulbs per Case	Doz.	100	1000
Lilium Auratum (Golden Banded Lily). White, spotted red, streaked yellow.				
8 to 9 inches	225	$0.90	$5.75	$52.50
9 to 11 inches	125	1.35	9.25	85.00
" **Album** (Praecox) Pure white.				
8 to 9 inches	225	1.50	10.00	90.00
9 to 11 inches	125	2.00	14.00	135.00
" **Magnificum** (rich crimson).				
8 to 9 inches	225	.90	6.25	55.00
9 to 11 inches	125	1.35	9.25	87.50
" **Melpomene** (crimson).				
8 to 9 inches	225	.90	6.25	55.00
9 to 11 inches	125	1.35	9.25	87.50
" **Rubrum or Roseum.** Beautiful pink, spotted crimson.				
8 to 9 inches	225	.90	6.25	55.00
9 to 11 inches	125	1.35	9.25	87.50
" **Tigrinum Splendens.** Single Tiger Lily. Orange, spotted brown		.75	5.00	47.50
" **Tigrinum Flore Pleno.** Double Tiger Lily. Large imported bulbs		.90	5.75	52.50

Miscellaneous and Native Lilies (*Ready in October*)

	Doz.	100
Canadense. Bright yellow	$0.85	$5.50
Canadense Rubrum. Crimson, spotted black	1.40	10.50
Elegans Painted Chief. Bright red	.90	6.00
Elegans Leonard Joerg. Apricot pink	1.10	8.00
Elegans Aurora. Rich orange, suffused scarlet	1.15	8.50
Hansoni. Reddish orange	$4.25	$30.00
Henryi. Orange yellow	4.50	30.00
Superbum. Orange red	.85	5.50
Tenuifolium. Brilliant scarlet	.85	5.50
Umbellatum. Orange scarlet	.85	5.50

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

White Calla Flower

WHITE CALLA LILIES

Clean, healthy bulbs.	Per Doz.	100	1000
1¼ to 1½ inches in diameter	$0.85	$5.50	$50.00
1½ to 1¾ inches in diameter	1.20	8.00	75.00
1¾ to 2 inches in diameter	1.75	12.00	110.00
2 to 2½ inches in diameter	2.00	13.50	130.00

GODFREY EVERBLOOMING CALLA

This is a popular variety for either cut-flower or pot-plant sales. For design work it is better than the California variety, as the flower is not so heavy and large. For planting in benches it is excellent and yields a continuous supply of waxy white flowers which are superb in every way. **First Size Bulbs,** free from disease, $1.10 per doz.; per 100, $8.50; $82.50 per 1000.

YELLOW CALLA

(True Elliottiana Variety)

Large, rich, deep, golden yellow flowers, often 4 to 5 inches across, which sell at sight. Habit of growth and foliage like the old favorite white Calla, excepting the leaves of Elliottiana are spotted with white. Every florist should force a quantity of them; they will make him money. 15c. each; doz., $1.75; $13.00 per 100; per 1000, $125.00.

Calla Elliottiana

OTHER VARIETIES OF CALLAS

	Doz.	100
Black Callas, ready in October	$0.85	$6.00
Spotted Callas, ready in October	.75	5.00

Fischer's Purity Freesia

FREESIAS

PURITY, a Snowy, Glistening white; stout, wiry stems 2 feet in length; a bunch cut and placed in water will give the same effect as roses or carnations, so gigantic are the blooms. Besides the main stalk, it throws out a number of side shoots well covered with buds.

	Doz.	100	1000
Fischer's Strain Purity, First-Size Bulbs	$0.20	$1.25	$10.00
" " " Mammoth Bulbs	.25	1.75	15.00
" " " Monster Bulbs	.45	2.75	25.00

Please note our Purity Freesias are Fischer's strain.

OTHER FREESIA

	Doz.	100	1000
Bermuda, White, First Size, ⅜-in. up	$0.10	$0.75	$6.00
" " Mammoth, ½-inch up	.20	1.00	9.00
California, White, Yellow Throat, First Size, ⅜-inch up	.10	.65	4.00
California, White, Yellow Throat, Mammoth, ½-inch up	.12	.85	6.50
California, White, Yellow Throat, Monster, ⅝-inch up	.25	1.25	9.00
French, White, Yellow Throat, Monster, ¾-inch up	.25	1.50	12.00
French, White, Yellow Throat, First Size, ½-inch up	.15	1.00	7.50
Leichtlini. Light yellow	.20	1.00	9.00

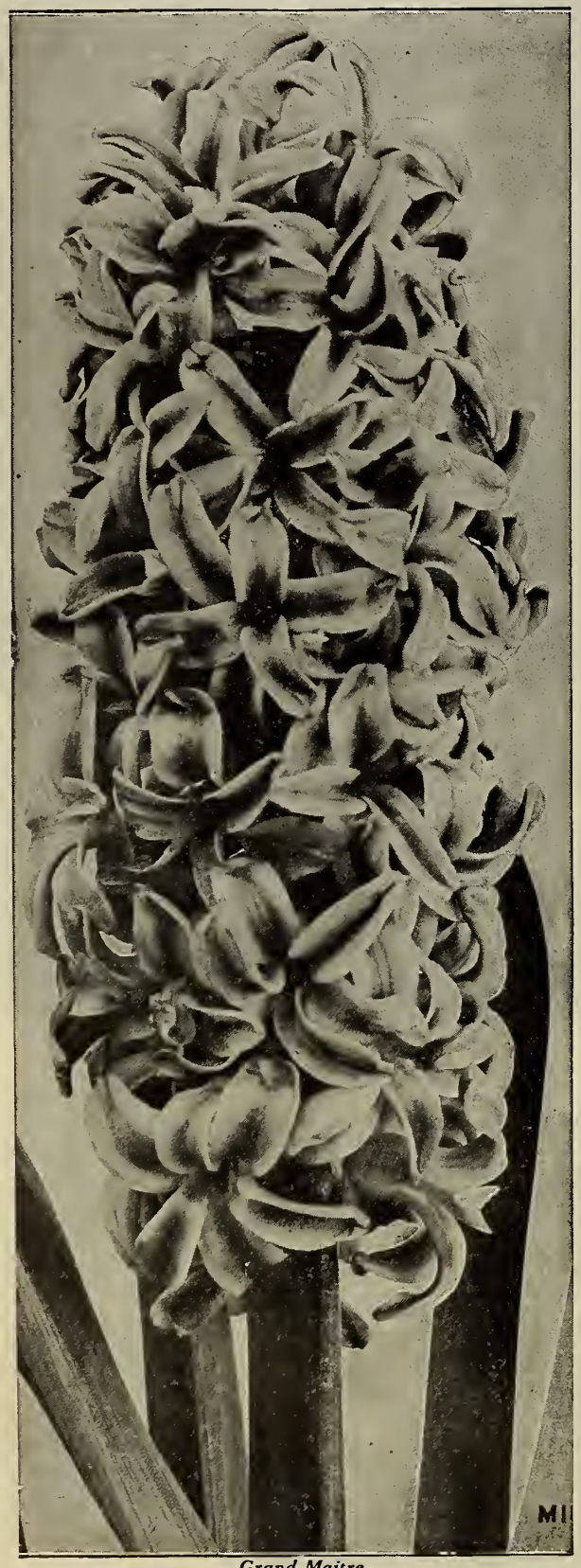
Special Note.—In an experiment carried on the past season we made comparisons of freesias and have to report the following: French are the earliest to bloom, California second earliest, Purity followed third, Bermuda latest.

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

MICHELL'S FIRST SIZED NAMED DUTCH HYACINTHS

Our selection of these embraces the very best varieties that have proven to be suitable for forcing; all producing large compact spikes. These Hyacinths are grown on contract for us by a specialist in this class of bulbs.

Our Selection of Named Varieties 1st size, 75c. per doz.; per 100, $4.75; $42.50 per 1000



Grand Maitre

	Doz.	100	1000
SINGLE RED			
Amy, bright carmine	$0.75	$4.75	$42.50
Duchess of Albany, fine, bright crimson	.75	4.75	42.50
Robt. Steiger, crimson	.75	4.75	42.50
Roi des Belges, one of the finest, keeping its color longer than any other scarlet	.75	4.75	42.50
SINGLE PINK			
Baron von Thuyll, light, fine spikes, forces early.	.75	4.75	42.50
Cardinal Wiseman, rosy pink, large fine truss	.75	4.75	42.50
Gertrude, bright pink, one of the very best varieties	.75	4.75	42.50
Gigantea, a large flesh-colored spike of enormous size; always satisfactory for forcing or bedding	.75	4.75	42.50
Jacques, rose pink, enormous spike	.75	4.75	42.50
Koh-i-Noor, a semi-double variety, very large truss, beautiful salmon pink	.75	4.75	42.50
Moreno, light rose, extra fine large spike and bells	.75	4.75	42.50
Maria Cornelia, blush shade of pink; very early.	.75	4.75	42.50
Queen of Pinks, brilliant pink, immense truss, early	1.75	12.50	120.00
Rosea Maxima, delicate pink spike, large bells; late	.75	4.75	42.50
SINGLE WHITE			
Alba Superbissima, white, for bedding or forcing.	.75	4.75	42.50
Angenis Christina, pure white, splendid forcer	.75	4.75	42.50
British Queen, pure white	.80	5.00	45.00
Grandeur A'Merveille, the best of the blush whites	.75	4.75	42.50
La Grandesse, extra fine snow white, well formed spike, an exhibition variety which has no equal.	.80	5.00	45.00
L'Innocence, this sort rivals with La Grandesse, except that it is somewhat earlier	.80	5.00	45.00
Mad. V. der Hoop, short spike with large bells	.75	4.75	42.50
Mont Blanc, a handsome pure white variety	.75	4.75	42.50
Queen of the Netherlands, pure white; early	.75	4.75	42.50
SINGLE BLUE			
Chas. Dickens, dark porcelain, compact spike; early	.75	4.75	42.50
Czar Peter, porcelain, tremendous truss; early	.80	5.00	45.00
Enchantress, porcelain blue, extra fine	.80	5.00	45.00
Grand Maitre, bright porcelain, large heavy truss	.75	4.75	42.50
Ivanhoe, deep purple, light centre	.80	5.00	45.00
King of the Blues, the finest deep blue, compact	.75	4.75	42.50
Potgieter, light blue, extra fine spike, early	.75	4.75	42.50
Lord Derby, porcelain, compact, beautiful spike	.75	4.75	42.50
Queen of the Blues, silvery blue, extra large spike	.80	5.00	45.00
Schotel, light blue, large spike	.75	4.75	42.50
SINGLE YELLOW			
Ball of Gold, golden yellow, large compact spike	.75	4.75	42.50
King of the Yellows, orange; one of the finest	.75	4.75	42.50
La Citroniere, lemon yellow	.75	4.75	42.50
Yellow Hammer, golden yellow, fine forcer, showy	.75	4.75	42.50

DOUBLE HYACINTHS (First Size Named)

These do not produce as large spikes as the single sorts, and florists should not depend on them to give large perfect spikes.

	Doz.	100	1000
RED AND PINK			
Bouquet Royal, salmon pink, red centre	$0.75	$4.75	$42.50
Bouquet Tendre, dark carmine red	.75	4.75	42.50
Czar Nicholas, delicate pink	.75	4.75	42.50
Grootvorst, rosy blush, fine spike	.75	4.75	42.50
Lord Wellington, one of the finest pink, large bells	.75	4.75	42.50
Pres. Roosevelt, deep rose	.75	4.75	42.50
WHITE			
Flevo, pure white	.75	4.75	42.50
La Tour d'Auvergne, pure white, very early	.75	4.75	42.50
La Virginite, blush white	.75	4.75	42.50
Prince of Waterloo, pure white, large bells	.75	4.75	42.50
BLUE			
Blocksberg, light blue	.75	4.75	42.50
Delicata, pale blue	.75	4.75	42.50
Garrick, blue, darker centre, large spike	.75	4.75	42.50
General Kohler, bright porcelain blue	.75	4.75	42.50
YELLOW			
Bouquet Orange, orange yellow	.75	4.75	42.50
Goethe, light yellow, one of the best	.75	4.75	42.50
Minerva, orange yellow, very fine	.75	4.75	42.50
Sunflower, yellow, tinted salmon	.75	4.75	42.50

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates

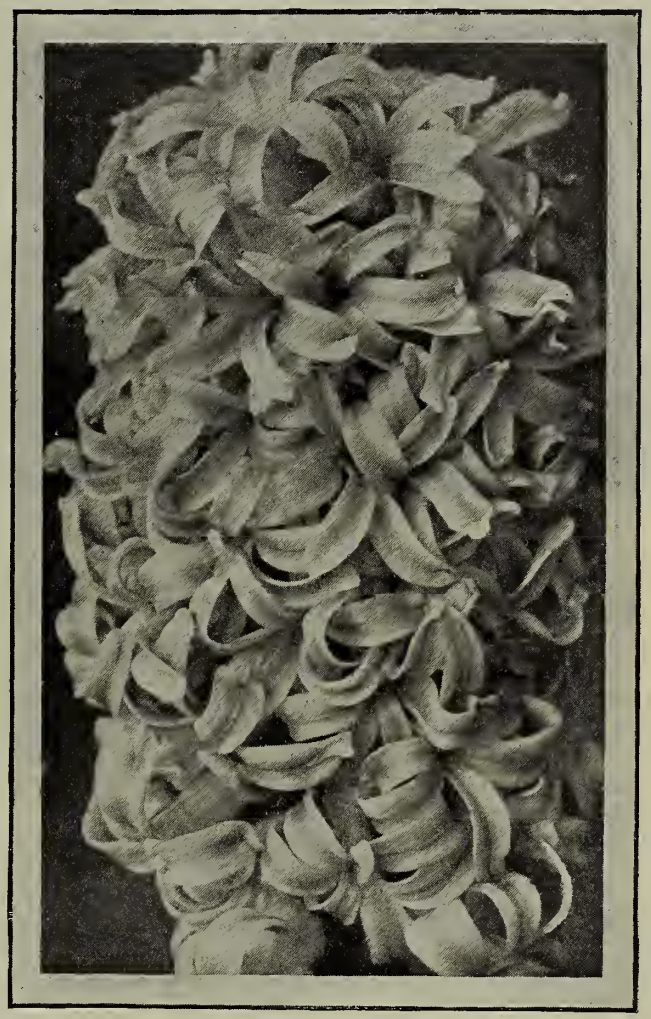
(ha)

MICHELL'S SECOND SIZE NAMED FORCING HYACINTHS

Also used extensively for high-class bedding. Our stock of these (like the "first size named") will be found unusually fine, from which superior results may be expected.

Our selection of Second Size Hyacinths in named varieties $3.15 per 100; per 1000, $28.50

	Doz.	100	1000
SINGLE WHITE			
Alba Superbissima, pure	$0.50	$3.15	$28.50
British Queen, pure white, large spike	.60	3.25	30.00
L'Innocence, pure	.60	3.25	30.00
La Grandesse, pure	.60	3.25	30.00
Mad. van der Hoop, pure	.50	3.15	28.50
Mont Blanc, pure	.50	3.15	28.50
Queen of the Netherlands, pure	.60	3.25	30.00
Grandeur A'Merveille, blush	.50	3.15	28.50
SINGLE BLUE			
Blue Mourant, deep	.50	3.15	28.50
Baron van Thuyll, deep	.50	3.15	28.50
Chas. Dickens, light	.50	3.15	28.50
Czar Peter, light procelain, fine	.60	3.25	30.00
Enchantress, porcelain blue	.60	3.25	30.00
Grand Maitre, bright porcelain	.50	3.15	28.50
Ivanhoe, deep purple	.60	3.25	30.00
King of the Blues, deep, extra large	.50	3.15	28.50
Leonidas, bright porcelain	.50	3.15	28.50
Schotel, light blue	.50	3.15	28.50
SINGLE PINK			
Baron van Thuyll, light	.50	3.15	28.50
Cardinal Wiseman, dark pink, splendid compact spike	.50	3.15	28.50
Chas. Dickens, beautiful rose, fine truss	.50	3.15	28.50
Gertrude, bright	.50	3.15	28.50
Gigantea, flesh	.50	3.15	28.50
Jacques, rose pink, immense spike	.50	3.15	28.50
Maria Cornelia, delicate pink, early, splendid forcer	.50	3.15	28.50
Moreno, light rose	.50	3.15	28.50
Rosea Maxima, rose, fine	.50	3.15	28.50
SINGLE YELLOW			
City of Haarlem, golden yellow	.50	3.15	28.50
Herman, orange	.50	3.15	28.50
Ida, lemon	.50	3.15	28.50
SINGLE RED			
Koh-i-noor, light, semi-double	.50	3.15	28.50
Roi des Belges, deep, very fine	.50	3.15	28.50
Queen of Hyacinths, beautiful carmine	.50	3.15	28.50
Robert Steiger, deep crimson	.50	3.15	28.50



Second Size Hyacinth Enchantress

MICHELL'S PREPARED BULB FIBRE

Growing bulbs, such as Roman Hyacinths, Paper White, Dutch Hyacinths, Tulips and Narcissus in special prepared fibre has proven such a great success, that we strongly recommend our customers to try a few of the various bulbs in this way, if they have not yet done so. The bulbs are potted the same way as in ordinary soil, just showing their tops. Do not press the fibre tightly, otherwise the roots do not work freely. Once potted, they require hardly any attention, only care must be taken to keep the compost moist, but not too wet. Miniature Hyacinths grow freely in fibre and look splendid in bowls and should prove money makers for store trade. **Price of Michell's Prepared Bulb Fibre:** 4 qts., 20c.; 35c. per peck; bu., $1.00; 5 bu., $3.75.

MICHELL'S THIRD SIZE NAMED HYACINTHS

Just the grade of bulbs for the florist, whose trade demands moderately priced hyacinths. If not sold in pots, they can be used in floral designs and leave a handsome profit to the grower; these are also excellent for high class bedding.

	Doz.	100	1000
Gertrude, bright pink	$0.40	$2.75	$25.00
Gigantea, flesh pink	.40	2.75	25.00
Grand Maitre, bright porcelain blue	.40	2.75	25.00
King of the Blues, deep blue	.40	2.75	25.00
L'Innocence, pure white	.40	2.75	25.00

We can supply third size named hyacinths in the above varieties only.

TESTIMONIAL ON MICHELL'S BULBS

March 24, 1915.

Your bulbs were fine and I want to tell you that you may count on selling me my bulbs the coming season.

Perry Onion,
Las Vegas Greenhouses,
East Las Vegas, N. M.

MICHELL'S HYACINTHS FOR BEDDING and FORCING

Michell's Hyacinths in Independence Square, Philadelphia

UNNAMED HYACINTHS
(For Bedding and Forcing)

Our stock of these is unusually large and fine; we recommend them for bedding only, although many florists still use them for forcing; for the latter purpose, however, we would advise the planting of the **Second or Third Size Named Hyacinths** offered on page 7, as they seldom fail to give complete satisfaction.

Single Flowering

	Doz.	100	1000
Red, all shades of light and dark	$0.30	$2.15	$19.00
Pink	.30	2.15	19.00
Deep Red	.30	2.15	19.00
White, all shades of white	.30	2.15	19.00
Pure White	.30	2.15	19.00
Blush White	.30	2.15	19.00
Blue, all shades of light and dark	.30	2.15	19.00
Light Blue	.30	2.15	19.00
Deep Blue	.30	2.15	19.00
Yellow, all shades, light and dark	.30	2.15	19.00
All Colors. Mixed	.30	2.10	18.00

Double Flowering

Red, all shades of pink and red	.35	2.25	20.00
Pink, all shades of pink	.35	2.25	20.00
Pure White	.35	2.25	20.00
Blue, all shades, light and dark	.35	2.25	20.00
Yellow	.35	2.25	20.00
Mixed. All Colors	.30	2.15	19.00

Hyacinth Glasses

There is quite a demand for these and we recommend a small stock to all who have a store trade.

Belgian Pattern, in white, blue and green. 15c. each; per doz., $1.50; $11.00 per 100.

Tye (or Squat) Pattern. Very heavy, with large base, in blue, green and white. 15c. each; per doz., $1.50; $11.00 per 100.

Christmas Forcing Hyacinths

We personally tested these out the past two seasons and found that, with a little care and attention, it was an easy matter to get this strain in flower for Christmas and New Year's.

The bulbs are harvested earlier than the other sorts and cured under special conditions. We have included in our list only the sorts that produce large spikes, which will give satisfaction. If you have a store trade for Hyacinths, not alone will these prove a novelty, but also a money-maker. The bulbs are about as large as second-size named Hyacinths and will produce large flower spikes. They should be potted as soon as received and brought indoors as soon as the crown of the bulb shows well above the pot. When the bud is well developed they should be brought into gentle heat.

	Doz.	100	1000
Gertrude. Deep pink	$1.10	$7.75	$72.50
Grand Blanche. Pure white	1.10	7.75	72.50
L'Innocence. Pure white	1.10	7.75	72.50
Marie. Dark blue	1.10	7.75	72.50
Moreno. Light rose	1.10	7.75	72.50
Regulus. Light blue	1.10	7.75	72.50

A FEW TESTIMONIALS ON MICHELL'S BULBS

East Palestine, Ohio.

Bulbs arrived to-day in fine condition. Am well pleased with quality of same. Have never purchased finer bulbs before.

Ralph Charlton, Jr.

Philadelphia, Pa.

The success we had with bulbs last season is largely due to the quality of goods you sent us.

West Laurel Hill Cemetery Co.

Columbus, Ga.

The bulbs you sent me last fall were the finest I ever had, and I am now making up my order for fall delivery and hope you will send me stock as good as last year.

Miss Susie Booker.

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

Michell s Monster White Roman Hyacinths

FRENCH ROMAN HYACINTHS

We import these in tremendous quantities; in fact, there are very few who handle as many. We are thus in a position to procure the best stock on contracting for such large quantities; our grower always takes the best care of us, and we in turn can do the same with our customers. Roman Hyacinths do exceedingly well when grown in **Michell's Prepared Bulb Fibre** (offered on page 7). The advantage is that ornamental china bowls, fern dishes or other receptacles may be used without drainage holes so they may be placed anywhere when the bulbs are in bud or flower without danger of soiling carpet or furniture from drip. The Fibre is clean, remains sweet and is nicer to pot with than soil. It contains all the plant food elements required by most bulbs. Pans or bowls planted with Roman Hyacinths will find a ready sale and will net a handsome profit to the progressive florist. Our stock is up to size, fully matured and will give the finest results.

		Doz.	100	1000
White.	11 to 12 ctm.	$0.35	$2.25	$21.00
White.	12 to 15 ctm.	.45	3.00	27.50
White.	13 to 15 ctm.	.55	3.75	35.00
White Italian.	12 to 15 ctm.	.40	2.50	23.50
Dark Blue.	12 to 15 ctm.	.35	2.25	20.00
Light Blue.	12 to 15 ctm.	.40	2.40	22.00
Deep Pink.	12 to 15 ctm.	.40	2.40	22.00
Light Pink.	12 to 15 ctm.	.45	2.75	25.00

MINIATURE OR DUTCH ROMAN HYACINTHS

We import fine, big bulbs of named varieties only, as these will be found far superior to the unnamed sorts offered at low prices. Dutch Roman Hyacinths are excellent for table decorations, to grow in pans of solid colors, anywhere from six to a dozen or more in a pan. By reason of their low price they should be grown extensively, especially the varieties which we list here, as they are all producers of enormous flower spikes.

	Doz.	100	1000
Albertine. Pure white, early	$0.25	$1.50	$12.50
Cardinal Wiseman. Bright rose	.25	1.50	12.50
Chas. Dickens. Deep pink	.25	1.50	12.50
Chas. Dickens. Porcelain blue	.25	1.50	12.50
Gertrude. Deep pink	.25	1.50	12.50
Gigantea. Light pink	.25	1.50	12.50
Grand Maitre. Bright blue	.25	1.60	13.50
King of the Blues. Deep blue	.25	1.60	13.50
La Grandesse. Pure white	.25	1.60	13.50
Lord Derby. Pale porcelain	.25	1.60	13.50
Mad. van der Hoop. Pure white	.25	1.50	12.50
Moreno. Deep pink	.25	1.50	12.50
Roi des Belges. Fine deep crimson	.25	1.50	12.50
Yellow Hammer. Pure yellow	.25	1.60	13.50

TESTIMONIALS ON MICHELL'S BULBS

Royersford, Pa.

The bulbs which I purchased from you last fall turned out very well. J. W. Heinly.

New Brighton, Pa.

I received the bulbs yesterday, and must say I never had finer ones. H. P. Webb,
Supt. Grove Cemetery.

Michell's Named Miniature or Dutch Roman Hyacinths

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate (ha)

Michell's Single Early Tulips

Our Tulip Bulbs are grown in the best districts of Holland to insure perfect development and full-sized stock. Those who place their order with us may be sure of getting bulbs that will not only bloom, but also prove true to name. The figure in front of the variety denotes the approximate height, while the asterisk (*) denotes that the variety is suited to forcing as well as bedding. Arranged according to color for easy reference.

Red and Scarlet Varieties

10 **Artus.** Scarlet, one of the best bedders. 20c. doz., per 100 80c., $6.50 per 1000.

*10 **Belle Alliance.** The best scarlet, adapted for either forcing or bedding; very fine flower. 25c. doz., per 100 $1.25, $10.00 per 1000.

*12 **Couleur de Cardinal.** Bronze scarlet, a large, well-shaped flower of great substance. 25c. doz., per 100 $1.50, $12.00 per 1000.

*9 **Crimson King.** Crimson red; well adapted for forcing or bedding. 20c. doz., per 100 90c., $7.50 per 1000.

*10 **Cramoise Brilliant.** Scarlet, early forcer. 20c. doz., per 100 90c., $7.50 per 1000.

*7 **Duc Van Thol, Scarlet.** 20c. doz., per 100 $1.20, $9.50 per 1000.

*7 **Duc Van Thol, Crimson.** 20c. doz., per 100 $1.00, $9.00 per 1000.

13 **Dusart.** Dark vermilion scarlet, excellent bedder. 25c. per doz., per 100 $1.20, $9.00 per 1000.

*14 **Grace Darling.** Scarlet, fine for late forcing or bedding. 35c. doz., 100 $2.00, $18.00 per 1000.

12 **Maas.** Rich scarlet, for bedding only. 30c. doz., per 100 $1.60, $14.00 per 1000.

12 **Pottebakker, Scarlet.** 25c. doz., per 100 $1.25, $10.50 per 1000.

*14 **Prince of Austria.** Orange scarlet, for either forcing or bedding. 25c. doz., per 100 $1.25, $10.50 per 1000.

*15 **Sir Thomas Lipton.** Brilliant scarlet; one of the best forcers. 35c. per doz., per 100, $2.25, $20.00 per 1000.

*14 **Thos. Moore.** Apricot orange, fine shaped flower, for forcing, early. 15c. doz., per 100 85c., $7.50 per 1000.

*12 **Vermilion Brilliant.** Richest scarlet; the very best forcer; flower very large. 25c. doz., per 100 $1.60, $13.75 per 1000.

Pink Beauty Tulip

White Hawk Tulips

White Varieties

*7 **Duc Van Thol** (*Maximus*). 15c. doz., per 100 90c., $8.25 1000.

*9 **Joost Van Vondel, White** (*Lady Boreel*). Has no superior for either forcing or bedding. 35c. doz., per 100 $2.25, $20.00 per 1000.

*12 **La Reine.** Pure white, fine for forcing, at times it shows a delicate shade of pink; we have an especially good stock of this variety. 15c. doz., per 100 70c., $6.00 per 1000.

*10 **L'Immaculee.** Early. 15c. doz., per 100 85c., $7.00 per 1000.

12 **Pottebakker, White.** 25c. doz, 100 $1.50, $13.75 1000.

*10 **White Hawk** (*Albion*). Pure white, the finest in cultivation for either forcing or bedding, the slower it is forced the larger the bloom, which being of great substance will ship anywhere. 25c. doz., per 100 $1.60, $14.50 per 1000.

Pink Varieties

*8 **Cottage Maid.** Pink and white; for either forcing or bedding. 15c. doz., per 100 90c., $7.50 per 1000.

*7 **Duc Van Thol, Pink.** 25c. doz., per 100 $1.00, $8.25 per 1000.

*12 **Flamingo** (*Pink Hawk*). Fine forcer, large flower with lasting qualities. 40c. doz., per 100 $2.50, $23.50 per 1000.

*12 **President Cleveland.** Creamy white, with border of beautiful rose. Enormous flower of exquisite shape. Superb for pot culture. $2.25 doz., per 100 $16.00.

*12 **Pink Beauty.** The most superb and largest pink Tulip in existence. 45c. doz., per 100 $2.50, $23.50 per 1000.

13 **Princess Wilhelmina.** Brilliant deep rose, flushed white on the outer petals. 25c. doz., per 100 $1.35, $11.50 per 1000.

*13 **Proserpine.** Fine glossy pink, very large flower. 35c. doz., per 100 $2.10, $19.00 per 1000.

14 **Queen of the Netherlands.** Beautiful soft pink, fine forcer. 25c. doz., per 100 $1.30, $11.00 per 1000.

*11 **Rose Grisdelin.** Beautiful light pink, one of the best for forcing or bedding. 15c. doz., per 100 80c., $6.50 per 1000.

*11 **Rose Luisante.** Deep pink. 25c. doz., 100 $1.65, $14.00 1000.

*11 **Rosa Mundi.** Rose pink, flushed white. 15c. doz., per 100 85c., $7.50 per 1000.

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

Michell's Single Early Tulips (Continued)

VARIEGATED OR TWO COLORED VARIETIES

		Doz.	100	1000
13	**Duchess de Parma,** orange scarlet, suffused yellow edge	$0.20	$1.15	$9.50
7	**Duc Van Thol,** red and yellow	.20	1.00	9.00
12	**Joost Van Vondel,** glossy red, striped white	.25	1.50	12.50
*15	**Kaiserkroon,** red, with gold border; tremendous flowers on long erect stems; the peer of its color for either forcing or bedding	.30	1.50	13.00

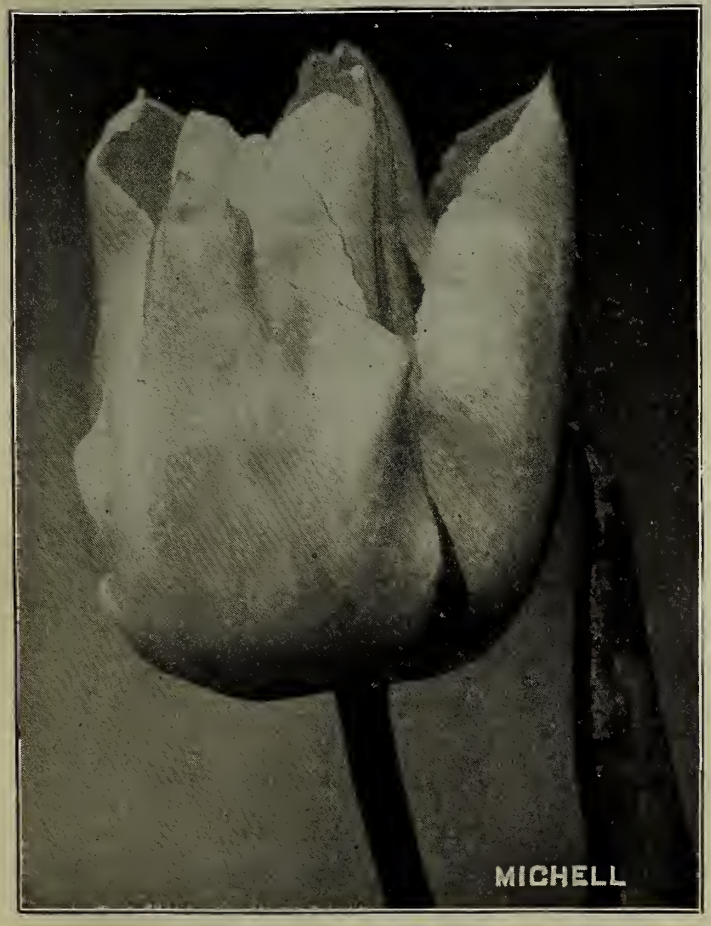
VIOLET

12	**Wouverman,** purple violet	.40	2.50	23.00

YELLOW VARIETIES

12	**Chrysolora,** golden yellow. For bedding this is one of the best. The flower is large and keeps its color well	.20	1.00	8.75
7	**Duc Van Thol,** yellow	.25	1.25	11.00
*12	**Gold Finch.** Golden, sweet scented, forcing early and easily and lasts long when cut	.20	1.00	8.75
*13	**Mon Tresor,** fine golden yellow, extra large flower, one of the best for forcing or bedding; may be had in bloom by Christmas	.25	1.35	12.00
12	**Ophir d'Or,** golden yellow, for bedding	.20	1.25	11.00
12	**Pottebakker,** yellow	.20	1.10	9.50
14	**Rising Sun,** deep golden yellow; fine long stem, large flower	1.50	11.00	
*10	**Yellow Prince,** golden yellow	.20	1.00	8.50

Early Single Tulip Mon Tresor



Single Early Tulip Gold Finch

SINGLE TULIPS

EXCLUSIVELY FOR BEDDING

SEPARATE COLORS (Unnamed)

We recommend these for bedding in places where it is desired to carry out a color scheme on an economical basis. They should not, however, be used where any special design is to be brought out, as the time of blooming and height are not exactly uniform.

	Doz.	100	1000
Pink, in all shades	$0.20	$0.80	$6.50
Red and Scarlet, in all shades	.20	.80	6.50
White, in all shades	.20	.80	6.50
Yellow, in all shades	.20	.80	6.50

SINGLE TULIPS IN MIXTURE

Our mixed Tulips are made up from some of the best named sorts, THEY ARE NOT THE LEAVINGS after the good merchantable stock has been picked out. The range of color is very wide and pleasing and the bulbs are all sure bloomers.

	Doz.	100	1000
Early Varieties, Fine Quality	$0.10	$0.70	$6.00
Early Varieties, Superfine Quality	.15	.80	7.00

(See page 13 for **Single Late Tulips.**)

TESTIMONIAL

EXECUTIVE MANSION GREENHOUSES, WASHINGTON, D. C.

The Lilies and, in fact, all bulbs, especially the Darwin Tulips, were all that could be desired. Quite a few of the Lilies were used in decorating on the wedding occasion of Miss Wilson and Secretary McAdoo.

CHARLES HENLOCK,
Head Gardener.

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

MICHELL'S MAY FLOWERING DARWIN TULIPS

NOTE THE REMARKABLY LOW PRICES

Many of this class are now being planted by progressive florists for a supply of spring flowers. For pot culture they are splendid and the ideal Tulips to grow for Easter. As cut flowers they are unsurpassed. The varieties marked with an asterisk (*) are especially adapted for forcing, in which case they require a rich soil and only a moderate heat. Too much heat is apt to cause them to grow spindly and inferior. The figures in front of the variety denote the approximate height in inches when in bloom outdoors.

DARWIN TULIPS

*26 **Baronne de La Tonnaye.** Vivid rose. One of the most beautiful varieties. The flowers are large, well formed and keep their brilliancy to the last. The best bedding variety, but also a splendid forcer. 25c. per doz., per 100 $1.50, $12.00 per 1000.

*20 **Clara Butt.** Delicate pink. Its perfect shape and lovely color make it a real beauty. Good bedder and forcer. 25c. per doz., per 100 $1.25, $11.00 per 1000.

26 **Dream.** Lilac-colored. Very large flowering variety. 35c. per doz., per 100 $2.00, $18.00 per 1000.

*22 **Europe.** Brilliant red, with white showy centre. One of the best bedders and a good forcer. 30c. per doz., per 100 $2.00, $18.50 per 1000.

23 **Glow.** Scarlet, margined white, blue centre. 35c. per doz., per 100 $2.00, $17.50 per 1000.

*20 **Gretchen.** A most attractive variety of a salmon-rose color. Splendid for cutting. Good bedder and excellent forcer. 20c. per doz., per 100 $1.15, $9.00 per 1000.

*28 **Harry Veitch.** Crimson violet, with white center. 25c. per doz., per 100 $1.50, $13.00 per 1000.

24 **Kate Greenway.** White, spotted lilac. Strong, stiff stems, holding the flower erect, make it one of the best bedders. 30c. per doz., per 100 $1.60, $14.00 per 1000.

26 **May Queen.** Soft rose; very large flowering. Splendid bedding variety. 30c. per doz., per 100 $1.60, $14.00 per 1000.

*28 **Mme. Krelage.** Bright lilac rose, margined pale silvery rose, inside soft rose pink. Very long flower of handsome form. A superb variety for borders and one of the best for pots. 30c. per doz., per 100 $1.75, $15.00 per 1000.

*24 **Mr. Farncombe Sanders.** Brilliant scarlet, with a white centre. Giant flowering. One of the best sorts either for borders or forcing. 35c. per doz., per 100 $2.00, $17.00 per 1000.

22 **Nora Ware.** Dainty silvery lilac, shaded bronze; white base. Flowers are very large on stiff stems, making it an ideal variety for cutting. 35c. per doz., per 100 $2.00, $17.50 per 1000.

*24 **Pride of Haarlem.** Brilliant rosy carmine; very large flower of superb form, borne on tall, strong stem. A wonderful Tulip, both for its glorious color and its stately habit; sweet scented. Unsurpassed for borders and a sure and early forcer. 30c. per doz., per 100 $1.60, $14.00 per 1000.

*20 **Rev. H. Ewbank.** Light heliotrope. A splendid bedding variety. It stands forcing splendidly and produces extra large flowers. 40c. per doz., per 100 $2.25, $20.00 per 1000.

24 **Sultan.** Rich maroon black, with blue base. Very useful for early forcing. 25c. per doz., per 100 $1.25, $10.00 per 1000.

22 **White Queen.** Can be called the only white Darwin. It opens rosy white, but passes off pure white. 30c. per doz., per 100 $1.80, $16.50 per 1000.

24 **Wm. Pitt.** Brilliant carmine. One of the largest and grandest of the Darwins. 40c. per doz., per 100 $2.25, $20.00 per 1000.

Mixed Darwins, all colors. A great variety of all colors and shades. 20c. per doz., per 100 $1.15, $9.50 per 1000.

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

Michell's Darwin Tulips

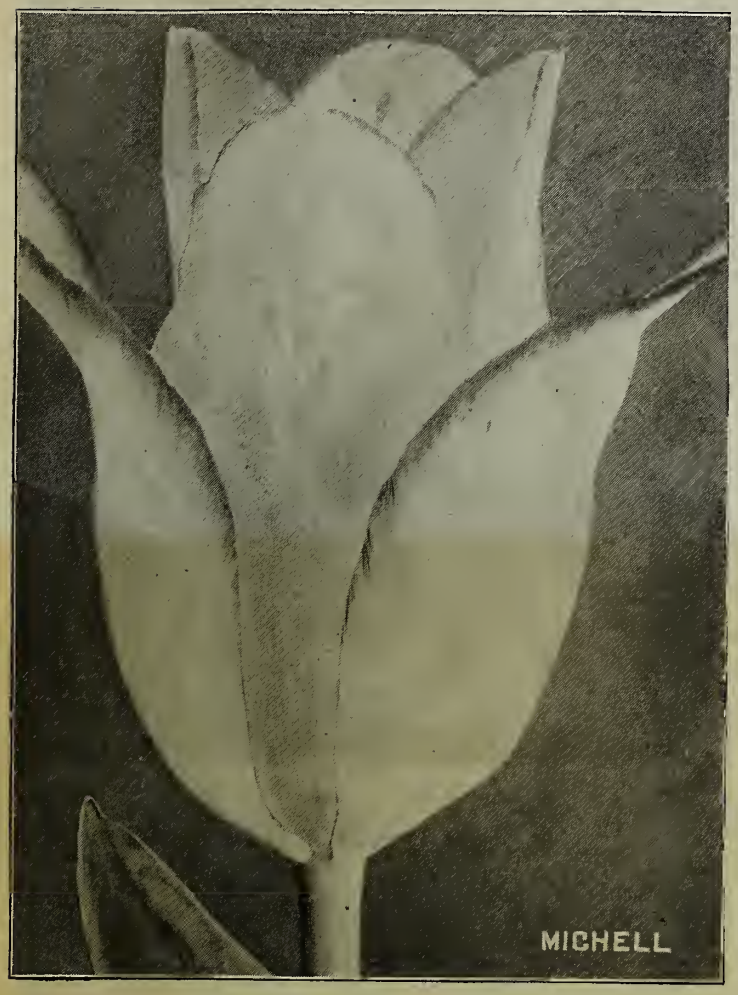
It is simply phenomenal to see in how short a time Darwins have become popular

Note the Remarkably Low Prices. See page 12.

The perfect cup shape of the flowers, fleshy substantial petals, long stems and bright colors make the Darwins the ideal cut flower.

Most of the Darwins can be forced easily by the first of March, many of them even much earlier.

MICHELL'S LATE-FLOWERING TULIPS



Picotee

MAY-FLOWERING OR COTTAGE GARDEN TULIPS

Desirable for outdoor planting for a supply of brilliant cut blooms in May. These command good prices. All single flowering except where noted.

		Doz.	100	1000
14	**Blue Flag** (Double). An attractive shade of rich violet blue	$0.40	$2.25	$21.00
18	**Bouton d'Or** (*Golden Beauty, or Ida*). Golden yellow	.20	1.10	9.25
20	**Caledonia.** Orange scarlet, black centre.	.25	1.20	10.00
24	**Gesneriana Spathulata.** Rich scarlet, blue-black centre	.25	1.25	10.50
24	**Gesneriana Rosea.** Rich rosy carmine..	.20	1.10	9.00
24	**Gesneriana Lutea.** Rich yellow.....	.25	1.50	12.00
16	**Golden Crown.** Pure yellow, with narrow red margin	.15	.90	7.50
	Hobbema (see Sarah Bernhardt).			
24	**Inglescombe Scarlet.** Brilliant vermilion, with a black centre; grand for cutting..	.35	2.00	18.00
24	**Inglescombe Pink.** Salmon pink.....	.25	1.50	12.00
20	**Inglescombe Yellow.** Bright yellow, suitable for bedding with Darwins.....	.45	2.75	25.00
20	**La Merveille.** Beautiful orange carmine.	.20	1.00	9.25
	Le Reve (see Sarah Bernhardt).			
20	**Moonlight.** Exquisite canary yellow...	.60	4.00	37.50
20	**Picotee** (*Maiden's Blush*). White, with distinct edged border. Very fine variety	.20	1.20	10.00
20	**Rosalind.** Glistening pink, white centre.	.20	1.15	9.50
12	**Royal White.** The longest pure white Cottage Tulip. Large flowers of great substance. Fine for pots and for bedding	.40	2.25	20.00
12	**Sarah Bernhardt** (*Hobbema,* or *Le Reve*). Exquisite soft rose, shaded apricot.....	.60	3.50	32.00

May-Flowering or Cottage Garden Tulips (*Continued*)

		Doz.	100	1000
20	**Shandon Bells** (*Isabella,* or *Blushing Bride*). Carmine pink, shaded creamy white	$0.20	$1.15	$9.00
20	**Striped Beauty** (*Summer Beauty*). Rich rose, flaked deep crimson	.40	2.15	19.00
	May-Flowering Tulips (*Single*). **Mixed, all colors**	.20	1.00	8.25

PARROT OR DRAGON TULIPS

These belong to the late-flowering class, and, on account of their peculiar markings and shadings are much in demand. They are curiously curled and crested. Excellent to use as cut blooms. We offer first-size bulbs only that will be sure to bloom. These are for outdoor planting only.

	Doz.	100	1000
Constantinople. Orange scarlet, with black markings in centre	$0.20	$1.00	$9.00
Gloriosa. A very showy orange and red sort	.20	1.00	9.00
Lutea Major. Very large, bright yellow striped	.20	1.00	9.00
Preciosa. Red with yellow stripes	.20	1.00	9.00
Markgraaf of Baden. Yellow, striped scarlet and green	.20	1.00	9.00
Mixed in all colors. This mixture contains only the choicest sorts	.15	.90	8.25

BREEDER TULIPS

This class of Tulips is becoming very popular on account of their long-stemmed flowers of ideal, firm and great substance. The rare colors in this class will be appreciated by all lovers of flowers. Any florist who has a fancy cut-flower trade can make a hit with these. They are not forcers.

		Doz.	100	1000
25	**Apricot.** Bronze, shaded apricot	$0.75	$5.00	$47.50
26	**Cardinal Manning.** Dull wine red, flushed rosy bronze; very large flower	.40	2.50	22.50
36	**Goliath.** Dark violet, with an undertone of deep salmon; immense flower of very distinct form. Superb for the border...	.40	2.50	22.50
32	**Jaune d'oeuf** (*Sunrise*). Golden, outside petals shaded apricot	.40	2.75	25.00
32	**Medea.** Salmon carmine; one of the largest varieties known	.35	2.00	18.00
28	**Velvet Queen.** Bright purple, tinted bronze; very large flower	.90	6.50	60.00
	Mixed Breeders, all varieties and shades of Color	.25	1.60	14.00

REMBRANDT TULIPS

A new class of late-flowering Tulips originating from the Darwins. They are identical with the latter in form and habit except that the flowers are beautifully marked and feathered. These will not force.

	Doz.	100	1000
Apollo. Lilac rose, striped white and carmine	$0.25	$1.60	$15.00
Hebe. Lilac and white, marked brown. Fine for outdoors and for pots	.40	2.75	25.00
Fleur de Marie. Deep rose on pale rose and white ground	.60	3.75	36.00
Julienne. Carmine rose and white	.40	2.75	25.00
Quasimodo. White, feathered bright crimson; large flower; fine for pot culture	.40	2.25	20.00
Red Prince. Flamed scarlet, rose ground...	.45	3.00	27.50
Vesta. Dark carmine striped, lilac base	.40	2.25	20.00
Zenobia. White, flushed lilac and striped velvety maroon	.40	2.50	22.50
Mixed Rembrandt, all shades of color	.25	1.50	12.50

LATE TULIPS IN MIXTURES

Bizarres. A peculiar combination of colors, principally yellow ground with markings and stripings of red, white and orange. Per doz., 15c.; 90c. per 100; per 1000, $8.00.

Bybloemen. A wide range of shadings and combinations of white, scarlet, pink and crimson. Per doz., 15c.; $1.00 per 100; $9.00 per 1000.

Single Superfine Mixed. This mixture embraces almost every type of single late Tulip and we can recommend them highly for planting in places where a fine show is desired. Per doz., 20c.; $1.00 per 100; per 1000, $8.25.

Double Superfine Mixed. In all colors. Many prefer the double Tulips, as they last longer than the single sorts. 3c. each; per doz., 20c.; $1.00 per 100; per 1000, $8.00.

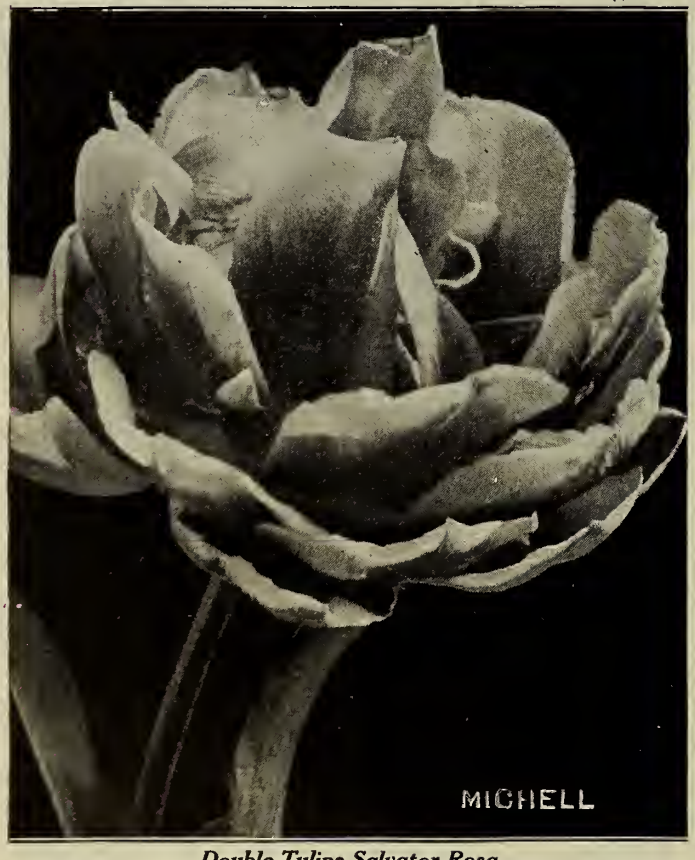
6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

Michell's Double Early Tulips

THE NUMBER BEFORE THE VARIETY INDICATES THE HEIGHT

NAMED DOUBLE TULIPS

		Doz.	100	1000
8	**Cochineal.** Brilliant scarlet; splendid forcer and bedder	$0.25	$1.50	$12.50
10	**Couronne d'Or.** A handsome rich yellow variety; forcer	.30	1.80	16.00
9	**Couronne des Roses.** Bright, early pink; forcer	.40	2.25	21.00
12	**Gloria Solis.** Bright scarlet with deep yellow border; excellent for bedding or forcing	.25	1.20	10.00
12	**Golden King.** Soft canary yellow	.85	6.50	
11	**Imperator Rubrorum.** Brilliant scarlet; especially adapted to forcing while it makes a handsome effect when used for bedding	.25	1.50	13.50
10	**La Candeur.** Very large, pure white; for forcing or bedding	.20	1.10	9.50
10	**La Coquette.** Orange flaked yellow. For forcing and bedding	.25	1.75	15.00
11	**Le Matador.** Dazzling scarlet. For forcing and bedding	.25	1.75	15.00
14	**Lucretia.** Deep rose. Splendid forcer	.25	1.60	14.00
10	**Murillo** (*True*). A very large pink sort, suffused with white. Fine forcer	.20	.90	7.75
10	**Princess Beatrice.** Delicate pink, flushed white	.25	1.20	10.00
8	**Rose Blanche.** Pure white, suitable for bedding or forcing	.20	1.00	8.50
12	**Rose de la Montagne.** White flushed pink; semi-double; splendid forcer	.20	1.10	9.00



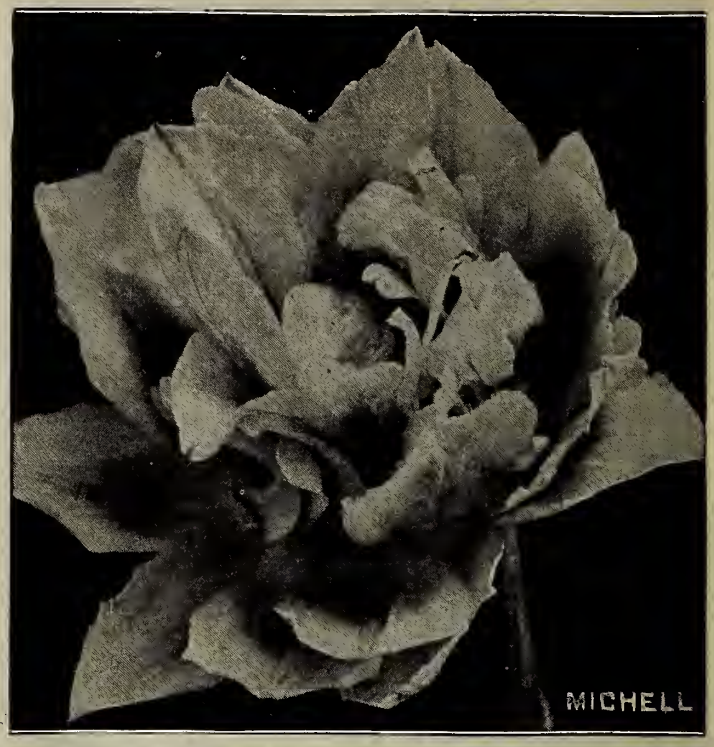
Double Tulips Salvator Rosa

TESTIMONIAL

Columbus, Ga.

The bulbs furnished by you were the finest I ever had, and I am now making up my order for fall delivery and hope you will send me stock as good as last year.

Miss Susie Booker,
Florist.



Double Tulips Couronne d'Or

NAMED DOUBLE TULIPS

		Doz.	100	1000
10	**Rubra Maxima.** Dazzling scarlet; early forcer and good bedder	$0.25	$1.20	$10.50
11	**Salvator Rosa.** An improvement on Murillo, which it very much resembles	.25	1.20	10.50
10	**Tea Rose.** Salmon yellow similar in shade to the Marechal Niel Rose (sometimes called Yellow Murillo)	.40	2.50	22.50
11	**Titian.** Red with a yellow border; good for bedding but not for early forcing	.25	1.50	12.50
10	**Toreador (New).** A handsome rich orange. It should be included in every collection of forcing Tulips	.40	2.75	25.00
10	**Tournesol. Red and yellow.** For forcing and bedding	.35	1.90	17.00
10	**Tournesol. Yellow.** Forces readily and is most desirable for cutting or pan culture. Beautiful orange shade	.30	1.75	15.50
11	**Vuurbaak.** (*Beacon Light*). Rich scarlet; for forcing and bedding	.30	1.75	15.50
10	**Yellow Rose.** Blooms quite late outdoors. It will not force except in a very slow heat	.20	1.10	9.00

DOUBLE UNNAMED TULIPS (Separate Colors)

These are very valuable for solid-color bedding where no particular design is to be carried into effect and where expense is considered. Not suited for forcing.

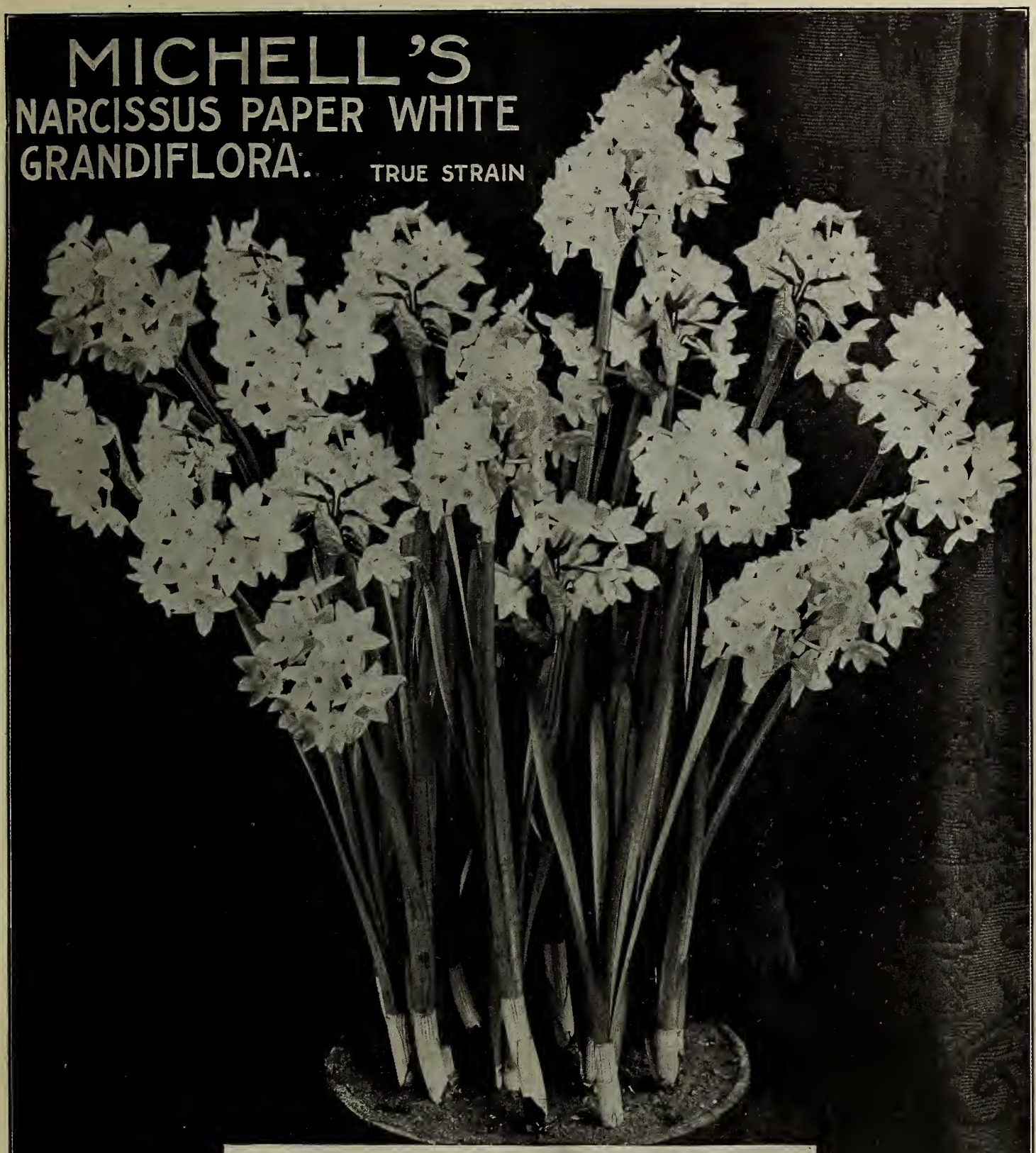
	Doz.	100	1000
Pink, in all shades	$0.15	$0.90	$7.50
Red, in all shades	.15	.90	7.50
White, in all shades	.15	.90	7.50
Yellow, in all shades	.15	.90	7.50

MICHELL'S EARLY DOUBLE MIXED TULIPS

These mixtures are carefully blended with the choicest varieties taken from the named sorts. The bulbs are selected for size, and the mixture represents a grand array of colors.

	Doz.	100	1000
Fine Quality	$0.12	$0.75	$6.75
Superfine Quality	.15	.85	7.50

For Double Late Mixed Tulips, see page 13.



NARCISSUS PAPER WHITE GRANDIFLORA

Our importation of these is over a million bulbs, which will give an idea of the vastness of our bulb business. We handle only the improved true type of Paper White Grandiflora which produces the large flowers.

	Doz.	100	1000	5000	10,000
First Size Bulbs, 13 ctm and up:					
(1250 bulbs in case)	$0.20	$1.00	$8.75	$42.00	$82.50
Per case of 1250 bulbs, $10.60.					
Monster Bulbs, 14 ctm. and up:					
(1000 bulbs in case)	.30	1.30	11.00	52.50	
Plain Paper White Narcissus:					
(1000 bulbs per case)	.15	.90	7.50		

MICHELL'S NARCISSUS

SINGLE NARCISSUS

Albicans. "Giant Spanish Daffodil," perianth pure white with a large prominent primrose trumpet, shading towards white. It is a handsome flower in every way. 30c. per doz., per 100 $1.50, $13.00 per 1000.

Ard Righ (or Irish King). A very early pure yellow sort, well adapted for forcing and pot culture. Height about 12 in. 30c. per doz., per 100 $1.60, $13.50 per 1000.

Barrii Conspicuus. A beautiful flower with large spreading yellow perianth; the crown or cup is orange scarlet; free bloomer; best suited to outdoor culture. Height about 20 in. 20c. per doz., per 100 85c., $7.00 per 1000.

Bicolor Grandee. Flowers very large with pure white petals, with yellow trumpet; flowering late. Height about 12 in. Fine for cutting. Best for outdoor culture. 25c. per doz., per 100 $1.25, $10.00 per 1000.

Narcissus Burbidgei

Burbidgei. The earliest flowering Poeticus type, pure white, with a red edged cup, for outdoor planting only. 10c. per doz., per 100 75c., $6.50 per 1000.

Biflorus. A class of Poeticus, flower white and yellow, adapted for outdoor culture only. 12c. per doz., per 100 80c., $7.00 per 1000.

Bicolor Victoria. Pure white perianth with yellow trumpet, an extra large flower, suitable for forcing or bedding. *First size bulbs,* 25c. per doz., per 100 $1.40, $12.00 per 1000.

Bicolor Victoria (*Monster Bulbs*). 35c. doz., per 100 $2.00, $18.00 per 1000.

Cynosure. Perianth primrose, cup orange scarlet. A fine variety for cutting. Height about 12 in. 15c. per doz., per 100 75c., $6.00 per 1000.

Single Narcissus Emperor

Emperor. This is the grandest of all single daffodils. The flower is pure yellow of gigantic size. It may well be termed the King of Daffodils. Excellent for forcing or bedding. Height about 20 in. 25c. per doz., per 100 $1.50, $12.50 per 1000.

Emperor Monster Bulbs. 35c. per doz., per 100 $1.85, $17.50 per 1000.

Empress. A beautiful sort, with yellow trumpet and pure white perianth; flower almost as large as Emperor. It is the finest of the two-color daffodils; suited to either forcing or bedding. Height 20 in. 25c. per doz., per 100 $1.50, $12.50 per 1000.

Empress Monster Bulbs. 35c. per doz., per 100 $1.85, $17.50 per 1000.

Figaro. Yellow perianth with orange yellow cup, beautifully formed flowers, especially recommended for bedding. 15c. per doz., per 100 85c., $7.50 per 1000.

Giant Princeps. A very early sort for forcing and outdoor planting; trumpet, pure yellow with sulphur-white perianth. Height about 15 in. 20c. per doz., per 100 90c., $7.50 per 1000.

Glory of Leiden. Giant pure yellow for forcing or bedding. One of the finest daffodils in existence. Per doz. 85c., $5.50 per 100, per 1000 $50.00.

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

Michell's Single Narcissus—Continued

A pot containing 6 bulbs of "EXTRA EARLY STRAIN" GOLDEN SPUR NARCISSUS. You can count 12 flowers. Each was perfect in form and size. The bulbs were selected at random and planted in October. The photo was taken right after New Year's.

EXTRA EARLY STRAIN

NARCISSUS GOLDEN SPUR

In comparison with the regular Dutch strain, planted side by side at the same time, we found these to be from ten days to two weeks earlier. If anything, the flowers were larger and the stems 2½ to 3 inches longer. The bulbs are very free-flowering and we predict for this strain a wide future. We recommend it for Christmas or New Year's forcing. Stock limited.

We have found the Mammoth bulbs to be so superior to the other sizes that we handle these exclusively.

Mammoth Bulbs. 40c. per doz.; per 100, $2.50; $22.50 per 1000.

	Doz.	100	1000
Golden Spur (*Dutch Regular*). Pure yellow early forcer:			
First size bulbs	$0.30	$1.60	$13.50
Mammoth bulbs	.35	2.00	18.50
Henry Irving. A fine, popular, old variety for either pot culture, forcing or outdoor cultivation; very early, broad, round, yellow perianth and large yellow trumpet. Height, 18 inches	.25	1.50	13.50
Hoop Petticoat (*Bulbocodium Narcissus*). This is a small diminutive flower, yet very attractive; color, exquisite golden yellow. It shows off to best advantage when planted in bulb pans; when in flower it presents a blaze of showy yellow. They are dwarf and consequently not suited for cutting, but are excellent for table decorations. Each bulb produces 6 to 8 flowers. Height about 6 in.	.25	1.75	15.00
Incomparable Stella. The earliest white and yellow variety to bloom outdoors; the flower is somewhat star-shaped; perianth pure white, with deep yellow cup. Fine for planting in borders or masses; suitable for late forcing. Height about 12 in.	$0.12	$0.80	$6.50
King Alfred. The largest and finest pure yellow daffodil in commerce; immense flowers of intense yellow; trumpet large and open with a deeply filled mouth; very vigorous and free bloomer. (40c. each.)	4.00	27.50	225.00
King Edward VII (*Almira*). An improved type of Poeticus, very desirable for outside planting; white, with scarlet eye	.35	2.25	20.00
Leedsii, Mrs. Langtry. Free flowering, several blooms being produced on one stem; perianth broad, pure white, with white cup edged yellow; excellent for cutting. Height about 12 in.	.15	.85	7.00
Madame de Graaf. A fine, very large pure white trumpet daffodil, the grandest of its color and type	.85	5.75	52.50
Obvallaris (*Tenby Daffodil*). Giant pure yellow, extensively used for outdoor planting, handsome trumpet and perianth	.20	1.40	12.00

Narcissus Poeticus Ornatus (Natural Size)

	Doz.	100	1000
Poetaz Elvira. A type of small flowering cluster narcissus, used extensively for forcing; white with yellow centre	$0.25	$1.60	$14.50
Poeticus Ornatus. An improvement on the regular Poeticus, being fully two weeks earlier; also suited to forcing; the height and appearance of the flower is much like the regular variety. First size bulbs	.12	.65	5.50
Poeticus Ornatus. Mammoth bulbs	.15	.85	7.25
Poeticus (*Pheasant's Eye*). A pure white small flowering type with scarlet eye; they are very fragrant and are valuable for cut flowers; they bloom quite late and are not suited to forcing; fine for naturalizing or planting in clumps. Height about 15 in.	.10	.60	5.00
Sir Watkin. Sometimes called chalice flower. The bloom is very large, measuring often 5 in. in diameter; perianth, golden, yellow with a deep cup or crown; excellent for forcing. Height about 20 in.	.25	1.50	12.50

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

Michell's Reliable Narcissus Bulbs

Narcissus Trumpet Major

Single Narcissus (Continued)

Trumpet Major (Dutch grown). A grand, pure yellow trumpet type; excellent for early forcing or for planting outdoors. Height, about 16 in. 18c. per doz., per 100 $1.10; $9.00 per 1000.

Trumpet Major (*Early Flowering*). *French grown.* For very early forcing these are excellent and command a big price. We import mammoth bulbs only, as the first size do not bloom satisfactorily. 25c. per doz., per 100 $1.50, $13.00 per 1000.

Wm. Goldring. A pure white trumpet variety, one of the best of its class. 30c. per doz., per 100 $1.40, $12.00 per 1000.

Single Mixed Narcissus. For outdoor planting. 12c. per doz., per 100 65c., $6.00 per 1000.

Chinese Sacred Lily Bulbs

We import these direct from China, where we get the selection of fine sound bulbs. These sell readily on the store counter, and yield a handsome profit. We would recommend to force a few into flower, which can be done in about five weeks, and place the bulbs you desire to sell on the counter, with the blooming plant.

Mammoth Size Bulbs. $1.00 per doz.; per basket (30 bulbs), $2.00; $7.50 per bale (120 bulbs); $57.50 per 1000.

Regular Size Bulbs. 60c. per doz.; per basket (30 bulbs), $1.25; $4.75 per bale (120 bulbs); $35.00 per 1000.

Pebbles for Chinese Lilies

40c. per doz. quart packages; per 100, $3.00; 50 at 100 rate.

Sweet Scented Jonquils

These are perfectly hardy and are suitable for either outdoor planting or forcing. They are delightfully fragrant, and are worthy of extensive cultivation.

Single Jonquils. Rich yellow, very fragrant; height, 12 inches. 10c. per doz., per 100 55c., $4.50 per 1000.

Double Jonquils. Flowers very double, deep golden-yellow; height, 12 inches. 25c. per doz., per 100 $1.35, $12.00 per 1000.

Campernelle. Single yellow; a grand forcer. 10c. per doz., per 100 65c., $5.50 per 1000.

Campernelle Rugulosus. Single yellow; larger than the plain Campernelle. 12c. per doz., per 100 75c., $6.00 per 1000.

Polyanthus Narcissus

The flowers are produced in clusters, and they are delightfully fragrant. All of them are excellent for forcing. They are not as a general thing hardy, but can be planted outdoors, if afforded liberal protection during winter.

Double Roman. White perianth, with an orange and yellow suffused cup; very free flowering and early. 20c. per doz., per 100 $1.25, $10.00 per 1000.

Gloriosa. A very showy type, with white perianth and orange-yellow cup; very pretty. 30c. per doz., per 100 $1.75, $16.00 per 1000.

Grand Monarque. Large, broad, white perianth with a primrose-yellow cup; a very striking flower. 25c. per doz., per 100 $1.50, $14.25 per 1000.

Grand Soleil d'Or. Rich yellow, with deep red cup. For cutting this is a fine variety, as it makes a grand show. 25c. per doz., per 100 $1.60, $15.00 per 1000.

Paper White Grandiflora, First Size Bulbs. (For illustration, see page 15.) 13 ctm. and up. Pure white flower; used extensively for forcing. 20c. per doz., per 100 $1.00, $8.75 per 1000, per case of 1,250 bulbs $10.75. (5,000 for $42.00.) (10,000 for $82.50.)

Paper White Grandiflora, Monster Bulbs. 30c. per doz., per 100 $1.30, $11.00 per 1000. (5,000 for $52.50.)

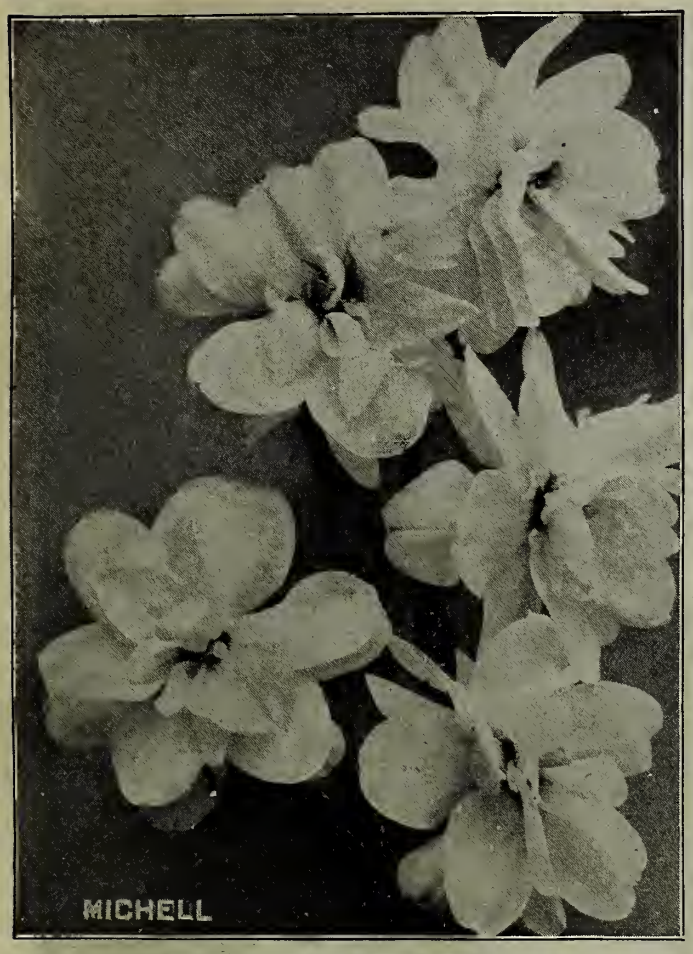
Paper White (Plain). 15c. per doz., per 100 90c., $7.50 per 1000.

White Pearl. Large pure white. 30c. per doz., per 100 $1.60, $14.00 per 1000.

Polyanthus Narcissus, Mixed. All colors and varieties. These will be found a good investment for store counter sales. Start a few and when in bloom place them on your store counter. They are low in cost and this mixture contains some of the highest-priced sorts. 20c. per doz., per 100 $1.10, $9.00 per 1000.

Chinese Sacred Lily

MICHELL'S DOUBLE NARCISSUS BULBS



Double Narcissus Alba Plena Odorata

This is a fine variety for planting outdoors to naturalize for a crop of flowers each successive spring. It will not force.

Alba Plena Odorata. A very sweet-scented pure white variety called Double Poet's Narcissus; it flowers later than many of the other daffodils, and is not desirable for forcing. It makes a handsome show bedded among perennial plants and shrubbery; height about 15 in. 15c. per doz., per 100 80c., $7.00 per 1000.

Incomparable Double. On account of the peculiar suffusion of the colors in the flower, this variety is also known as "Butter and Eggs." The color is yellow and orange and makes an attractive cut bloom. Its greatest value is for outdoor planting, as it does not force so well. Height about 16 in. 15c. per doz., per 100 $1.00, $9.00 per 1000.

Orange Phœnix. A variety similar to the above, except for coloring, which is a light yellow, almost white, with a yellow centre. It is splendid for forcing or pot culture. It is also called "Eggs and Bacon." Height about 16 in. 20c. per doz., per 100 $1.25, $10.50 per 1000.

Sulphur (or Silver) Phœnix. Flowers very large, blush-white; the centre is exceptionally sulphur colored; excellent for forcing or outdoor planting. Height about 18 in. 25c. per doz., per 100 $1.40, $11.00 per 1000.

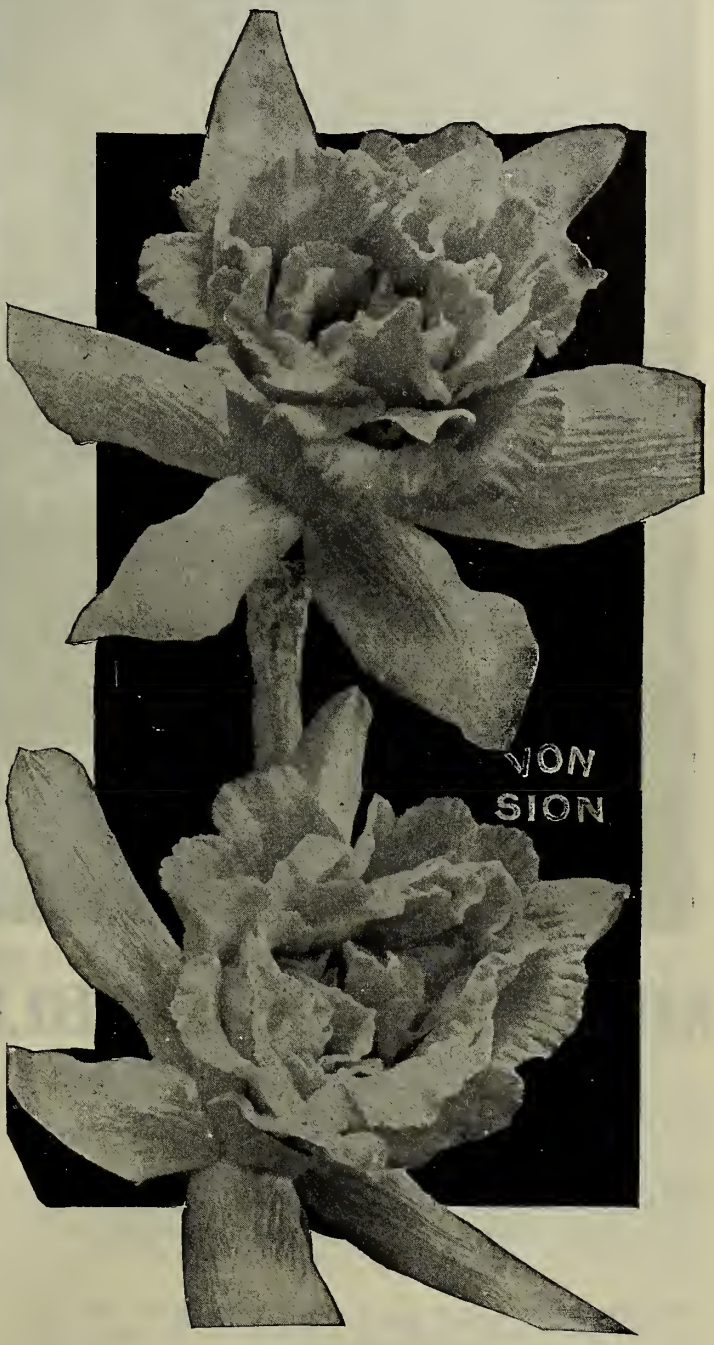
Double Mixed Narcissus. All shades, varieties and colors. A quantity of these make a handsome investment, and at the low price at which they are offered should be planted extensively. The mixture embraces some of the most expensive types. Do not force the mixed Narcissus. 15c. per doz., per 100 90c., $8.50 per 1000.

TESTIMONIAL

Hicksville, Ohio.

Enclosed please find order for bulbs, etc. I have always found everything I got from you first class and have received the very best of treatment. Thanking you for past favors. *CHAS. W. SIEBERT.*

Special Note. Our strains of **Double Narcissus Von Sion** cannot be surpassed. We handle only true Dutch-grown stock, which produces perfectly double flowers of the purest shade of yellow. You will make no mistake in placing your order for these (as well as any bulbs) with us.



Von Sion. (*Tclamonius Plenus.*) The true double daffodil. Our stock of these comes from one of the largest daffodil producers in Holland. The color is a pure golden yellow entirely free from green-tipped flowers, which are often found in cheap grades of bulbs. For forcing or outdoor planting it has no equal in the daffodil line. It should be planted extensively in woods and fields for naturalization. Height about 15 in.

	Doz.	100	1000	5000
First Size Bulbs	$0.25	$1.50	$12.50	$60.00
Double Nose Mammoth Bulbs	.35	2.10	19.00	90.00
Monster Bulbs, sometimes producing three or more flowers per bulb	.45	2.75	25.00	

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

Originator's Strain SPIRAEA GLADSTONE

MICHELL'S RELIABLE SPIRAEA CLUMPS

(*Ready in November*)

SPIRÆA is one of the class of plants on which any florist can make money; it requires little attention, but when well grown it amply repays for any extra effort put forth. It is always in great demand and commands a good price. Florists who have a funeral design trade should plant a quantity for outdoor blooming. They flower in May and June, generally when white flowers are scarce.

Astilboides Floribunda. A very plumy, fluffy variety producing splendid pure white flower spikes. Well-grown plants bear 25 to 40 of these plume white trusses, practically enveloping the plants; a great favorite with all. 85c. per doz.; 100, $5.50; $52.50 per 1000.

Philadelphia (New). A grand pink variety producing magnificent plumy flower spikes of a beautiful rose shade. This variety is a great improvement over Queen Alexandra and when the stock is plentiful enough and becomes lower in price, it will, in all probability, supersede the latter sort. Large clumps. 20c. each; doz., $1.75; 100, $10.00; 1000, $90.00.

Queen Alexandra. A beautiful shade of pink. Being an offspring of the Gladstone it requires the same culture. The plant should be shaded as it comes into bloom in order to bring the flower to full perfection. This, Rubens, and the Philadelphia are the only satisfactory pink forcing Spiraeas on the market. Large clumps. $1.25 per doz.; per 100, $7.50; $70.00 per 1000.

America (New). A splendid novelty. Plants compact; color a beautiful, clear lilac-rose. Large clumps. Doz., $4.00; $30.00 per 100.

Gladstone. This popular, large-flowering Spiraea is a wonderful improvement over all other white-flowering varieties, and is, no doubt, the most beautiful Easter and spring-flowering pot plant grown. The immense trusses of flowers are snow white; borne on strong, erect stalks, and appear in such abundance that the plant is practically enveloped with a white feathery foam.

Large clumps: $1.00 per doz.; 100, $6.00; $55.00 per 1000.
Monster clumps: $1.50 per doz.; per 100, $9.00; $80.00 per 1000.

Rubens (New). Rich, brilliant pink, being more distinct in color than either Queen Alexandra or Philadelphia. In growth and habit it resembles Gladstone, but is much deeper than other pink Spiraeas. Our trials of this convinced us that it was well worth offering to the trade. Large clumps. 40c. each; $3.50 per doz.; per 100, $25.00.

Note.—We have discontinued the varieties "Compacta Multiflora" and "Japonica," as those offered here are better in every way.

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

Michell's Superb Gladiolus Bulbs

(Varieties Especially Suited for Forcing)

The demand for these as a late winter and early spring flower under glass is constantly on the increase. Last year florists planted them extensively and made considerable money therefrom. There is nothing in culture to-day that is succeeded with so easily. They require little attention and are practically immune from attacks by insects or plant diseases. The flower spikes always bring a good price. They may be planted in flats and placed on the benches or among Carnations, or as a bench crop alone. If grown indoors, place the bulb as near the surface as possible; mulch the ground with shredded cattle manure; water the bulbs liberally when dry. A temperature of about 60 degrees in the day and 50 degrees at night develops the flowers best. It pays to support the flowers as they come in bloom with stakes, wire or twine.

Cardinalis, Nanus and Colvillei

Small Bulb Types

(Bulbs Ready in October)

These Gladiolus are invaluable for flowering in the greenhouse for winter bloom. The flowers are smaller and more refined than those of the Gandavensis type; the colors and markings are very handsome. The bulbs can be kept dormant until spring and then be planted in open ground, if preferred, blooming in June and July. If planted in cold frames they will flower as early as May.

Colvillei Alba (*The Bride*). Pure white. 12c. per doz., per 100 55c., $4.50 per 1000.

Blushing Bride (*Delicatissima*). White, blotched blood red on the three lower petals. 12c. per doz., per 100 55c., $4.50 per 1000.

Peach Blossom. Beautiful soft salmon pink, with a deeper blotch of the same color. 12c. per doz., per 100 75c., $6.00 per 1000.

Modesty. Soft delicate lavender, blotched mauve, equal to any orchid. 20c. per doz., per 100 $1.20, $10.00 per 1000.

Ne Plus Ultra. Brilliant scarlet, blotched pure white, a most attractive flower, larger than any of the foregoing varieties. 20c. per doz., per 100 $1.20, $10.00 per 1000.

The above types of Gladioli flower earlier than the large bulb varieties.

Large Later-Flowering Forcing Types

Bulbs of the following sorts ready in November:

America. Soft, delicate pink, with a straight, robust stem. We have an exceptionally fine stock of this variety. 25c. per doz., per 100 $1.50, $12.00 per 1000.

Augusta. White, penciled pink. The flowers open all at one time. A popular seller. 30c. per doz., per 100 $1.80, $16.50 per 1000.

Brenchleyensis. Bright, brilliant scarlet; long, straight stem, covered with large florets. 20c. per doz., per 100 $1.25, $12.00 per 1000.

May. White, penciled crimson; compact, well-formed spike. Always sells readily. 35c. per doz., per 100 $2.00, $17.00 per 1000.

Mrs. Francis King. Gigantic spikes, often 4½ feet long, decked with enormous flowers of a brilliant soft scarlet shade; ready seller. 30c. per doz., per 100 $1.75, $15.00 per 1000.

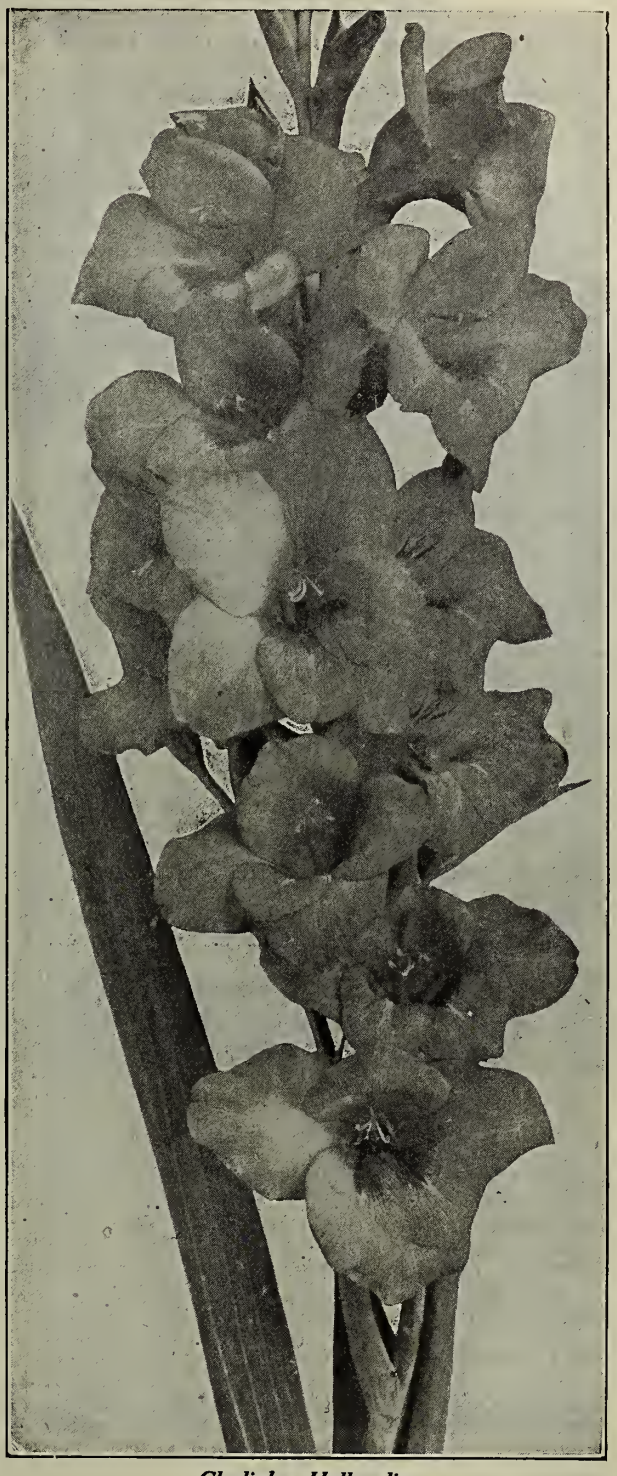
Wm. Falconer. A pleasing shade of light pink. Flowers very large, many of them being open at one time. 75c. per doz., per 100 $6.00, $50.00 per 1000.

Princeps. Dazzling scarlet, with a light mark on the lower petal. 50c. per doz., per 100 $3.50, $30.00 per 1000.

Shakespeare. White, flaked carmine, striped pink. It is a popular variety for forcing, and a variety in great demand. 75c. per doz., per 100 $5.00, $45.00 per 1000.

Michell's Special White and Light Mixture for Florists. This is a combination of large-flowering white and light shades. It is recommended as a strain that will surely please. 35c. per doz., per 100 $2.00 $18.00 per 1000.

We can supply all other named varieties of Gladiolus, including the separate color unnamed sorts. Send for list and prices.



Gladiolus Hollandia

New Forcing Gladiolus Hollandia

The flowers of this striking new Gladiolus are of a beautiful salmon, with an orange-yellow throat. Flowers open 6 to 8 at one time. It produces long spikes with large individual flowers, often 20 and more on one spike. It is suitable for outdoor planting, as well as under glass. When forced it should be handled like the variety "America" and similar sorts. Our bulbs are grown from the originator's stock and are very large. 30c. per doz.; per 100 $1.85; $16.00 per 1000.

MICHELL'S GORGEOUS PAEONY ROOTS

We Guarantee Our Paeonies to be True to Name

Paeonies are rapidly coming to the foreground and are now considered by the florists an indispensable cut flower. A collection of Paeonies constitutes a most valuable asset, steadily increasing in value from year to year. Paeonies as cut flowers always demand a good price, and yield a very profitable income from the investment. For home and table decorations they are exceedingly effective, and last in water longer than most other flowers. For social functions, weddings and church decoration, there is nothing more suitable. Festiva Maxima and Officinalis types are usually ready in the latitude of Philadelphia by Decoration Day. The flowering period of others is carried through the month of June. Paeonies require, after planting, practically no attention except a top dressing of well-rotted manure in the late autumn. They respond to this treatment by producing an extra large crop of flowers. Few if any insects attack the Paeony. Autumn is the best time for planting, the roots generally flowering the following spring. **Be Progressive; Plant Paeonies.**

White and Light Shades

	Doz.	100
Agnes Mary Kelway. White tinted rose, while the centre is cream. Early	$2.00	$14.00
Alba Plena. A giant flower of the purest white; very double. Of superb fragrance. Mid-season	1.50	10.00
Candidissima. Creamy white, with a clear, sulphur-yellow centre. Occasionally tinted flesh pink. Early	2.00	14.00
Couronne d'Or. Immense ball-shaped form; snowy white with yellow reflex and deep pink edges. Late	2.50	18.00
Duc de Wellington. Large, sulphur-white flower of great fragrance and with long stems. Late	2.00	15.00
Duchesse de Nemours. Pure white, with a sulphur-white centre; very early and extra fine. Early	1.50	10.00
Festiva Maxima. Beautifully shaped flower, often 7 to 8 in. in diam. Pure white, splashed red. Late	2.25	17.50
La Rosiere. Yellowish white, with straw yellow centre. Looks like a large tea rose. Mid-season	2.25	16.00
Queen Victoria. Pure white creamy centre. Mid-season	1.25	9.00
Zoe Calot. Pure white suffused rose; very fine. Mid-season	1.75	12.50

Pink Shades

	Doz.	100
Achille. Beautiful shell-pink, changing to lilac white. Splendid variety. Early	$1.75	$12.50
Beaute Francaise. Lilac-rose, with a cream-white collar; centre spotted carmine. Very fragrant. Mid-season	2.00	15.00
Berlioz. Perfect form. Large magenta rose color; silver tipped. Late	1.75	12.50
Carnea Elegans. Of a clear flesh color; free-flowering. Mid-season	2.00	14.50
Charlemagne. Large-flowering. Lilac white, with a light pink centre Late	1.75	12.50
Clarisse. Beautiful rose pink, with silvery pink centre; fine form and habit. Mid-season	2.00	14.00
Delicatissima. Pale lilac rose, free and fragrant. Mid-season	1.75	12.50
Dr. Bretonneau. Lilac rose, with cream-white centre, flecked crimson. Mid-season	2.00	14.00
Duc de Cazes. Bright pink, silvery reflex. Early	1.75	12.50
Edulis Superba. Beautifully shaped, bright mauve pink. One of the best early sorts	1.75	12.50
Eugene Verdier. Giant globe-shaped flower of a soft pink color. Late	3.50	27.50
Faust. Delicate flesh pink, with salmon centre. Mid-season	1.75	12.50
Grandiflora Rosea. Full globe-shaped flower, light solferino red petals, salmon centre. Mid-season	1.75	12.50
Lady Bramwell. Silvery rose. Mid-season	2.25	15.00
L'Indispensable. Perfectly shaped; a delicate cream color shaded pink in centre. Mid-season	2.75	20.00
Marie Lemoine. Very large, compact flower of lasting qualities. Delicate white rose, creamy centre. Late	1.75	12.50
Mme. Forel. Very large compact flowers, light pink, with a silvery-tipped centre. Late	3.25	25.00
Mons. Krelage. Grand flowers of a dark pink color. Large and compact. Late	2.25	16.00
Mme. Leonie Calot. Delicate rosy white, centre petals slightly tipped carmine. Mid-season	2.00	14.00

Paeony Candidissima

Red and Dark Shades

	Doz.	100
Anemoneflora Rubra. Anemone form; a beautiful dark crimson. Mid-season	$1.75	$12.50
Delachi. Large flowers of a deep purple color free. Late	1.75	12.50
Felix Crousse. Large, bright-red flowers on long stems. Extra fine, self-colored variety. Mid-season.	3.25	22.50
General MacMahon. Large anemone-shaped flower of a deep violet color. Magnificent variety. Mid-season	3.25	22.50
L'Eclatante. Globular flower, brilliant red. Mid-season	2.00	14.00
Louis Van Houtte. A rich shade of crimson maroon; an exceptionally fine, large flower. Late	1.75	12.50
Meissonier. Loose reddish-purple flowers on tall stems. Very fragrant. Mid-season	2.25	15.00
Tenuifolia. Rich, red feathery foliage. Very early	2.25	15.00
Victor Hugo. Brilliant carmine red. Unsurpassed for cutting. Late	3.25	25.00

Paeony Chinensis

This is the common garden variety in cultivation most everywhere.

	Doz.	100	1000
Double Pink. Large roots	$0.85	$6.00	$50.00
Double Red. Large roots	.85	6.00	50.00
Double White. Large roots	.85	6.00	50.00

Paeony Officinalis (The old fashioned Paeony)

Fragrant flowers of immense size, flowering in May and having a distinct foliage and growth.

	Doz.	100	1000
Alba (Mutabilis). Double white	$1.25	$9.00	$85.00
Rosea. Double pink	1.25	8.00	75.00
Rubra. Double red	1.00	7.50	70.00

CULTURAL NOTE ON PAEONIES

Autumn is one of the best times for planting. The soil should be well enriched with well-rotted manure. The roots should be set about 3 feet apart in rows, the latter 4 feet apart, to enable them to be cultivated with horse machines. The crowns should not be set more than 4 inches below the top of the soil; deeper planting may mean fewer flowers, sometimes none. Cultivate them freely, prior to and after the flowering season. In the spring, as soon as the ground can be worked, plow or work in a heavy coating of well-rotted manure.

Michell's Miscellaneous Bulbs

	Doz.	100	1000
ACONITE Winter (*Eranthis*)	$0.10	$0.60	$5.00

Allium Neapolitanum

ALLIUM

Neapolitanum. Used extensively for indoor culture in pots and pans. It is especially adapted for forcing and makes an excellent cut flower; color pure white. Height 12 inches. It may also be planted outdoors among the hardy plants and is very effective in clumps. 10c. per doz.; per 100, 55c.; $4.50 per 1000.

Anemone St. Brigid

ANEMONES

	Doz.	100	1000
Double Mixed	$0.20	$1.00	$9.00
Fulgens. Rich scarlet; single	.25	1.50	14.00
Single Blue	.20	1.00	8.00
Single Mixed. All colors	.10	.60	5.00
Single Scarlet	.15	.80	7.00
Single White (*The Bride*)	.10	.60	5.00
St. Brigid. Semi-double, mixed colors	.25	1.20	10.00

AMARYLLIS

	Each	Doz.	100
Belladonna. Pink	$0.10	$0.85	$6.00
Formosissima (*Jacobean Lily*). Large bulbs	.08	.75	5.50
Hybrids of Vittata. Choice mixture	.35	3.50	25.00
Johnsoni. Red and white, extra large bulbs.	.25	2.50	19.00
Treatea Alba (*Zephyranthes*)		.50	4.00
Treatea Rosea (*Pink Zephyranthes*)		.50	4.00

ANOMATHECA (*Ready in November*)	Each	Doz.	100
Cruenta (*Scarlet Freesia*)	$0.15	$0.60	$5.00

Begonia Crispa

BEGONIAS (Tuberous Rooted) (*Ready January 1st*)

Very choicest large flowering type. Extra large bulbs.

SINGLE	Doz.	100	1000	DOUBLE	Doz.	100	1000
Orange	$0.40	$2.50	$22.00	**Crimson**	$0.65	$4.00	$35.00
Pink	.40	2.50	22.00	**Pink**	.65	4.00	35.00
Scarlet	.40	2.50	22.00	**Scarlet**	.65	4.00	35.00
White	.40	2.50	22.00	**White**	.65	4.00	35.00
Yellow	.40	2.50	22.00	**Yellow**	.65	4.00	35.00
Mixed	.30	2.25	20.00	**Mixed**	.50	3.75	33.00
Crispa. Frilled flowers in separate colors					.85	6.00	50.00
Crispa. In mixture					.80	5.00	40.00
Bertini. Single vermilion					1.00	7.50	
Cardinal. Single red					1.75	12.50	
Graf Zeppelin. Double vermilion					1.25	9.00	
Lafayette. Double crimson					1.50	10.00	

CHIONODOXA (Glory of the Snow)	Doz.	100	1000
Gigantea. Lavender, white centre	$0.15	$0.80	$7.25
Luciliae. Blue, white centre	.12	.80	6.75
Sardensis. Deep blue	.12	.75	6.25

CROWN IMPERIAL	Each	Doz.	100
Crown Upon Crown. Red	$0.15	$1.50	$10.00
Single Bright Red	.12	1.10	8.00
Single Mixed Colors	.08	.85	6.00
Single Yellow	.15	1.50	11.00

TESTIMONIAL

Big Springs, Texas.

Received the bulbs in fine order and thank you very much for same. They are fine, and I hope to make your firm a standby. Mrs. Dove A. Conchy.

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

Michell's Miscellaneous Bulbs

Fancy Leaved Caladium Bulbs

(Ready in January)

These are grown for us on contract by one of the leading hybridizers of the world. Our list is composed of 10 of the best named sorts, covering a wide range of colors, which are difficult to describe accurately. Wonderful effects can be produced in table or conservatory decorations with these beautifully marked tropical foliage plants. The bulbs should be started in damp moss, somewhat like Begonias, with plenty of bottom heat and an occasional dampening. Do not allow them to get chilled, and at all times grow them in a warm, shaded place.

Named Sorts. 15c. each; doz., $1.75; 100, $12.00.
Mixed Varieties. 15c. each; doz., $1.50; $10.00 per 100.

COLCHICUM

	Doz.	100	1000
Autumnale Major (*Autumn Crocus*). Purple.	$0.45	$3.25	$27.50

Michell's Giant Named Crocus

CROCUS (*Ready in September*)

	Doz.	100	1000
Baron Von Brunow. Blue	$0.12	$0.75	$6.00
Cloth of Gold. Yellow	.10	.60	5.00
Cloth of Silver. Striped	.10	.65	5.50
Mont Blanc. White	.12	.75	6.00
Purpurea Grandiflora. Blue	.12	.75	6.00
Queen Victoria. White	.12	.75	6.00
Sativus (Fall flowering). Lavender	.12	.65	5.50
Sir Walter Scott. Striped	.12	.75	6.00
Speciosus (Fall flowering). Lavender	.12	.65	5.50
Blue Mixed	.07	.45	4.00
Striped Mixed	.07	.45	4.00
White Mixed	.07	.45	4.00
Yellow. Extra large monster	.18	1.00	8.00
Yellow. Mammoth	.12	.80	6.50
Yellow. Regular size	.07	.45	4.00
Mixed. All colors	.07	.40	3.75

DIELYTRA SPECTABILIS (*Ready in November*)

Few florists realize the value of this plant for forcing or decoration work. While it is not a cut flower, it makes a striking pot plant; it forces very readily and without much trouble. The flower is borne in long racemes of a beautiful white and rose color. *Mammoth roots.* Price, $1.00 per doz., per 100 $7.00, $67.50 per 1000.

CYCLAMEN GIGANTEUM (*Mammoth Bulbs*)

Our bulbs are from the most famous Cyclamen grower in Europe and will produce flowers of extraordinary size. The leaves are proportionately large and beautifully marked. We offer the following separate colors:

	Doz.	100
Pink	$1.00	$7.00
Red	1.00	7.00
Salmon	1.00	7.00
White	1.00	7.00

Dielytra (Bleeding Heart) ***(see opposite)***

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate (ha)

Michell's Miscellaneous Bulbs

Eremurus (*Ready in November*)

Rare bulbous plants from Asia; well adapted for the hardy border.

	Each	Doz.
Robustus. Flesh pink; 6 to 10 feet high	$0.50	$5.00
Himalaicus. Pure white; 4 to 6 feet high	.50	5.50

Fern Balls (Japanese) (*Ready in December*)

	Each	Doz.	100	1000
Large. 7 to 9 inches	$0.25	$2.75	$22.50	$200.00
Medium. 5 inches	.20	2.00	15.00	135.00

Freesias (*See page 5*)

Grape Hyacinths (Muscari)

These very pretty little Hyacinths are perfectly hardy and of the easiest culture. They thrive and increase in either sunny or partial shaded places in the garden. They are also adapted for winter flowering in the house.

	Doz.	100	1000
Blue (*M. Botryoides coerulea*)	$0.10	$0.50	$4.00
White (*M. Botryoides alba*)	.15	.70	6.00
Feathered (*M. Plumosus*). Blue	.15	.80	7.00

Illustration of a Gloxinia Flower

Gloxinias

Our strain of Gloxinia bulbs is the very best produced in Belgium, and is composed of the finest varieties. These should be grown by all florists who have a store trade or where a conservatory or showhouse is operated in conjunction with the store.

	Doz.	100	1000
Blue	$0.60	$3.25	$30.00
Blue, Bordered White	.60	3.25	30.00
Scarlet, Bordered White	.60	3.25	30.00
Red and Scarlet	.60	3.25	30.00
Spotted	.60	3.25	30.00
White	.60	3.25	30.00
Choicest Mixed	.50	3.00	27.50
Graf Zeppelin. Carmine, fringed	1.00	8.00	
Marienthaler Kind. Crimson, bordered rose.	.90	7.00	
Meteor. Carmine, edged white	1.00	8.00	
Nixe. White, bordered blue	.90	7.00	
Waterloo. Deep purple, bordered carmine	1.00	8.00	

East Palestine, Ohio.

Am well pleased with quality of bulbs ordered from you. Have never purchased finer bulbs.

Ralph Charlton, Jr.

A Bunch of Spanish Iris

Iris

SPANISH IRIS. The flowers are beautiful and very delicate, used for bedding outdoors or forcing. For the latter purpose they should be sown thickly in plats in September, wintered in a cool place. and brought to heat gradually. They take up no particular space in a greenhouse and require little or no special attention after planting. They command good prices and we recommend every florist to grow them. **We offer large bulbs.**

	Doz.	100	1000
Alex. Von Humboldt. Light blue	$0.12	$0.50	$4.50
Adeline Patti. Dark bronze	.12	.50	4.50
Blanche Superbe. Pure white	.12	.50	4.50
Belle Chinoise. Dark yellow	.12	.50	4.50
British Queen. White, extra fine	.12	.50	4.50
Chrysolora. Deep yellow	.12	.50	4.50
Emperor of the West. Bronze	.12	.50	4.50
Cajanus. Beautiful yellow	.12	.50	4.50
King of the Blues. Sweet scented	.12	.50	4.50
Midley. Pale blue, early forcer	.12	.50	4.50
Sapho. Bronze, very fine	.12	.50	4.50
Snowball. Pure white, extra fine	.12	.50	4.50
Thunderbolt. Rich bronze; one of the finest	.12	.50	4.50
Mixed. All colors	.10	.25	2.00

IRIS SUSIANA (*Mourning Iris*). The flowers are large, of a peculiar coloring, being a blush-tinted dark and covered with a network of veinings and lines. 10c. each; doz., 85c.; $6.00 per 100.

ENGLISH IRIS. These are similar to the Spanish Iris, but the flower is larger; it also blooms earlier; perfectly hardy. Height about 20 in.

	Doz.	100	1000
Argus. Pink and white	$0.25	$1.50	$13.50
Bavaria. Light porcelain	.25	1.60	15.00
Blanche Fleur. White	.25	1.50	13.50
L'Unique. Bright claret	.25	1.50	13.50
Mixed Colors	.20	1.00	8.50

For Japanese and German Iris, see page 50.

Michell's Miscellaneous Bulbs

Ismene Calathina (Ready in December)

(Pancratium Lily or Peruvian Daffodil)

Although considered one of our choicest summer flowering bulbs, blooming profusely during the entire season, they are well adapted for home culture in the winter. They bloom profusely if started indoors about December or January and treated somewhat like an Amaryllis. The flowers are of beautiful rosy white color and deliciously fragrant.

Giant Bulbs 10c. each; dozen 85c., $6.00 per 100.

Ismene

Ixia

The flower is very brilliant; produced on slender stems about 10 inches long. The mixed colors contain varieties which are beautifully marked.

	Doz.	100	1000
Crateroides. A brilliant scarlet variety; forces very readily and is very early	$0.20	$1.00	$9.00
Mixed. All colors; containing every imaginable color	.10	.40	3.00

Leucojum Vernum (Spring Snowflake)

A beautiful early flowering bulb, rivaling for earliness with the snowdrop. Planted in clumps of from 25 to 100 bulbs among shrubbery in herbaceous beds, they show off to best advantage; color, pure white tipped green on the flower petal. These may also be forced gently for indoor blooming, flowering then about March; outdoors they bloom just as winter breaks up and the last snow is melting; we can recommend it highly; height about 7 inches. Doz., 15c.; 100, $1.00; 1000, $9.00.

Montbretias (Ready in November)

These resemble somewhat the Gladiolus, but in a miniature form. The flower-spikes are very brilliant and produced in quantity. The bulbs should be slightly protected during winter; height 2 ft. They should be planted in clumps of 50 or 100 bulbs. Fine as a delicate cut bloom.

	Doz.	100	1000
Aurantiaca. Deep golden yellow	$0.20	$1.00	$8.00
Crocosmiaeflora. Scarlet and yellow	.20	1.00	8.00
Etoile de Feu. Vermilion, yellow centre	.20	1.00	8.00
Pottsii. Large, orange scarlet	.20	1.00	8.00
Rayon d'Or. Light yellow, spotted brown	.20	1.00	8.00
Speciosa. Golden yellow	.20	1.00	8.00

Shredded Cow Manure

For potting, mulching or liquid manure this will be found invaluable, a bag of 100 lbs. contains almost as much as a small cartload. **F. o. b. Philadelphia:** 100 lbs., $1.50; $6.50 per 500 lbs.; 1000 lbs., $12.00; $23.00 per ton. **F. o. b. Chicago:** 100 lbs., $1.25; $5.00 per 500 lbs.; 1000 lbs., $9.00; $17.00 per ton.

Lily of the Valley (Ready in December)

This stock is grown for us on contract by one of the best growers in Germany. Care is taken to select only vigorous pips with long fibrous roots, that will stand forcing well.

	100	1000	Case of 2000
Fancy Giant Flowering. Large pips, often producing 15 or more bells to the spike	$1.75	$15.00	$28.00
Berlin, Regular Brand (3-year-old pips)	1.50	13.00	24.00
Clumps (outdoor planting). $2.00 per doz.	15.00	140.00	

COLD STORAGE LILY OF THE VALLEY

We have a fine stock of our own importation on storage, carefully packed, and are prepared to make prompt shipments.

Not less than 100 Cold Storage Valley can be furnished.

Per 100 $2.50	Per 1000 $17.50
Per 250 4.75	Per 2500 42.00
Per 500 9.00	

Cold Storage Valley can only be sent by express safely.

Michell's Superfine Bone Flour

An exceptionally high grade of very fine bone flour that will give an immediate effect when mixed in potting soil or used as a top dressing. Per 100-lb. bag, $2.50; per 200 lbs., $4.25; per 1000 lbs., $20.00; per ton (2000 lbs.), $38.00.

Michell's "Special" Florists' Bone Meal

Rich in ammonia and phosphoric acid, the kind that makes roses and other plants jump. Absolutely pure. 200-lb. bag, $3.75; per ton (2000 lbs.), $35.00.

MICHELL'S MISCELLANEOUS BULBS

ORNITHOGALUM (Star of Bethlehem)

An attractive flowering bulb for either indoor or outdoor culture. Pure white petal, streaked light green with a black flower centre. These are highly fragrant and are especially desirable for planting in woodlands for naturalizing; when used for this purpose, 6 to 12 bulbs should be planted in a clump. For indoor culture, treat them like hyacinths. Flowering time outdoors, April and May; sweet scented blooms appearing in umbels of 8 or 10 flowers to a stalk; height, 1 foot.

	Doz.	100	1000
Arabicum	$0.25	$1.50	$12.50

Bermuda Buttercup Oxalis

OXALIS

		Doz.	100	1000
Grand Duchess.	White	$0.20	$0.85	$7.00
" "	Pink	.20	.85	7.00
" "	Lavender	.20	.85	7.00
" "	Yellow	.20	.85	7.00
Bermuda Buttercup, yellow, first-size bulbs		.20	1.00	8.50
Bermuda Buttercup, mammoth bulbs		.25	1.25	10.00
Pink (*Hirta Rosea*)		.12	.60	4.00
White (*Mutabilis Alba*)		.12	.65	5.50
Yellow (*Lutea Simplex*). Single		.15	.75	5.50
Bowei, finest pink variety, first size bulbs		.12	.90	8.00
Bowei, mammoth bulbs		.20	1.25	10.00
Versicolor, red, violet and white		.15	.60	5.00
Double Yellow (*Lutea fl. pl.*)		.25	1.50	12.50
Mixed, all colors		.10.	.40	3.25

PAEONIES (*See page 22*)

PUSCHKINIA

		Doz.	100	1000
Libanotica (*Striped Squill*).	Blue, striped white	$0.15	$0.75	$6.00

A Vase of Ranunculus Flowers

RANUNCULUS (or Buttercups)

Among dwarf bulbous plants these are unrivaled for lovely form and bright, attractive colors, ranging through gorgeous shades of crimson, white, yellow, purple, black; many of them marked with other shades. They flower profusely in pots in the house during winter, or if grown in frames in spring. A Carnation temperature suits them best, and, on account of being a novelty, should bring a fancy price in pots or pans.

	Doz.	100	1000
Double Turkish, mixed colors	$0.10	$0.45	$4.00
Double Persian, mixed colors	.10	.45	4.00
Double French, mixed colors	.10	.40	3.50

SCILLAS (Squills)

These flower very early and remain in bloom some time, making an attractive combination when planted with Snowdrops or Crocus. For growing in pots or pans they are also desirable.

	Doz.	100	1000
Sibirica, blue, first size	$0.12	$0.60	$4.75
Sibirica, blue, mammoth size	.15	.85	7.50
Campanulata, blue (Wood Hyacinth)	.10	.65	5.50
Campanulata, white (Wood Hyacinth)	.15	.85	7.00
Campanulata, pink (Wood Hyacinth)	.15	.85	7.00

SNOWDROPS

These beautiful early flowering bulbs are desirable for edging bulb beds or for planting in masses. The flower is pure white, blooming frequently while there is yet ice and snow on the ground.

		Doz.	100	1000
Elwee's Giant Single.	White	$0.10	$0.60	$4.50
Double.	White	.15	1.00	9.00

STERNBERGIA (Autumn Daffodil)

		Doz.	100	1000
Lutea.	Yellow	$0.30	$2.00	$17.50

SPARAXIS

Flowers on long, graceful stems, somewhat like the Ixia; attractive for indoor blooming.

	Doz.	100	1000
Mixed Colors	$0.10	$0.50	$4.00

6 Bulbs of any one variety at dozen rate; 25 at 100 rate; 250 at 1000 rate

Michell's "Distinctive" Flower Seeds

Especially Selected for Florists' Trade for Fall and Winter Sowing

"Distinctive" Strains of Flower Seeds **for the florist** is one of the most important branches of our business; we constantly aim to secure for the florist only the most improved strains such as must give instant satisfaction. Our wonderfully increased trade is our best proof for this claim. A trial order from the most critical florist will prove for itself.

Note.—Half trade packets are only supplied where listed; where smaller quantities are wanted than that listed, retail packets may be ordered at a discount of 33⅓ per cent. from our retail catalogue prices.

Achillea

Perennial, flowering continuously all summer; a fine cut flower.

	Trade Pkt.	Oz.
Ptarmica, fl. pl. "The Pearl." Double white	$0.25	$3.00

Aconitum (Monk's Hood)

Tall-growing, bushy perennial, flowering in August and September.

Napellus, Blue	.20	.60
" **White**	.30	1.50

Adonis

Vernalis. A choice spring flowering perennial; yellow flowers	.15	.75

Agrostemma

Coronaria. Glaucous foliage, and deep crimson flowers; perennial	.10	.20

Burlington, N. J.

The Antirrhinum seed I bought of you produced the best flowers I have ever had; they have been very much admired. Yours very truly, H. D. H.

Giant Snapdragon (Antirrhinum)

Alyssum

	Trade Pkt.	Oz.
Little Gem. Our strain of this popular sort is quite distinct, very dwarf, compact and absolutely true from seed. ¼ lb., $1.75	$0.10	$0.50
Little Dorritt. Even more compact than Little Gem and desirable for pot plants	.15	.75
Lilac Queen. Dwarf and compact; flowers lilac	.40	2.00
Lutescens. Dwarf; yellow flowers. Orig. pkt., 15c.		
Sweet (*Alyssum Benthami*). The well-known fragrant white. Per lb., $1.50	.10	.15
Saxatile Compactum. Perennial; golden yellow	.10	.30

Ampelopsis

Veitchi (*Japanese Ivy*). Per lb., $1.50	.10	.15

Anchusa

Italica, "Dropmore Variety." Perennial; branching plant, 4 feet; light blue flowers	.30	1.25

Anemone (Windflower)

Hardy perennial; excellent for cutting.

Coronaria Mixed	.15	.50
St. Brigid. Semi-double; various colors	.30	1.25

Anthemis (Hardy Marguerite)

Tinctoria Kelwayi. Daisy-like bright yellow flowers; perennial	.10	.30

Antirrhinum (Snapdragon)

MICHELL'S GIANT STRAIN

This "distinctive" strain is grown by many leading florists as a profitable cut flower during winter; spikes 2 to 3 feet tall with fully one-third a compact mass of giant flowers; colors clear and delicate.

	Trade Pkt.	Oz.
Michell's Giant Salmon Pink. A valuable addition to this popular flower; extra long spikes of flowers of a delicate salmon pink color	$0.30	$2.25
Silver Pink (*New*). An extra fine variety; long spikes and a very profuse bloomer. Original pkts., $1.00; $2.50 per 3 pkts.		
Giant Pink	.20	.60
" **Scarlet**	.20	.60
" **Striped**	.20	.60
" **White**	.20	.60
" **Yellow**	.20	.60
" **Mixed**	.15	.50
" **Double White.** Flowers large and double; color pure white	.30	2.00
" **Venus.** Large flowers; color, shell pink on white ground, with pure white throat	.30	1.50

ANTIRRHINUM—Various Sorts

Tall Mixed. Regular strain; 2 feet	.10	.25
Semi-Dwarf Daphne. Pink, 18 inches	.20	.60
" **Defiance.** Fiery scarlet	.20	.75
" **Golden Queen.** Yellow	.15	.60
" **Queen of the North.** White	.15	.60
" **Mixed**	.15	.50
Tom Thumb Mixed. 12 inches	.15	.60

ASPARAGUS PLUMOSUS NANUS

We are Headquarters for the true Northern Greenhouse Grown Strain.

Our seeds are absolutely fresh and of high germination; our greatly increased sales each season proves beyond a doubt the superiority of our stock.

Greenhouse Grown Seed

100 seeds..$0.50 | 5,000 seeds..$15.50
1,000 seeds.. 3.50 | 10,000 seeds.. 30.00
25,000 seeds.....$72.50

Lathhouse Grown Seed

100 seeds..$0.25 | 5,000 seeds...$9.75
1,000 seeds.. 2.00 | 10,000 seeds...18.50
25,000 seeds.....$43.75

ASPARAGUS HATCHERII

New Type of Plumosus

100 seeds....$0.75 | 500 seeds....$3.00
1,000 seeds.....$5.00

ASPARAGUS SPRENGERI

100 seeds $0.15
1,000 seeds ..... .75
5,000 seeds 3.00
10,000 seeds 5.50
25,000 seeds 12.50

Asparagus Plumosus Nanus

ASPARAGUS LUTZI
A New Variety

The shoots, which are thornless, are straight and erect, reaching a length of 4 to 6 feet. It also produces an abundance of snow-white flowers, which make a fine contrast to the graceful, light green foliage. Should be grown in a cool house. Per 100 seeds, $1.50; $6.50 per 500 seeds; per 1000 seeds $12.00.

AQUILEGIA (Columbine)

These early flowering perennials are a valuable cut flower and the demand for same is constantly on the increase.

	Trade Pkt.	Oz.
Long Spurred Hybrids. A splendid assortment	$0.30	$1.50
Canadensis. Scarlet and yellow	.20	1.50
Chrysantha. Yellow	.20	1.50
Chrysantha Alba. Pure white	.25	1.50
Californica Hybrida. Mixed colors	.20	2.00
Coerulea. Blue and white	.30	1.25
Flabellata Nana Alba. Dwarf white	.25	
Glandulosa Vera. Lavender and white	.30	
Haylodgensis Delicatissima. Delicate pink	.40	
Nivea Grandiflora. Pure white	.10	.25
Rose Queen. Deep rose	.40	
Single Mixed	.10	.20
Double Mixed	.10	.25

ARABIS (Rock Cress)

Alpina. Perennial; dwarf edging plant; flowers pure white ..... .10 .35

ASPERULA

Odorata (*Sweet Woodruff*). Perennial white..... .15 .60

ASTER

Perennial (*Michaelmas Daisy*). Mixed..... .25 1.00

AURICULA (Primula Auricula)

Hardy perennial, with flowers of many beautiful colors.
Choice Mixed .....(¼ oz., $1.00) $0.40

BAPTISIA (False Indigo)

Australis. Perennial; tall, showy plants, with deep blue flowers ..... .15 .75

BEGONIAS

As a bedding plant there is nothing more satisfactory and result-giving; also excellent for pot plants. Seeds sown in January make splendid flowering plants in May.

	Trade Pkt.	Oz.
Semperflorens Vernon. The most popular of all; orange crimson flowers	$0.25	$2.50
" **Anna Regina.** Deep rose	.50	
" **Erfordia.** Soft delicate pink	.30	
" **Queen of Carpet Bedders.** Dwarf red	.30	
" **Zulu King.** Blood red	.50	
" **Choice Mixed**	.30	2.00

BEGONIA GRACILIS

This type produces very compact little plants that are literally covered with flowers; very attractive and an easy seller.

	Trade Pkt.
Gracilis Rosea. Pink	$0.30
" **Luminosa.** Fiery dark scarlet	.40
" **Alba.** Pure white	.30
" **Prima Donna.** Rose, shading to carmine	.50

BEGONIA REX

Ornamental leaves, in self-color and variegation..... .50

TUBEROUS-ROOTED BEGONIAS

These are easily raised from seed; produce enormous flowers and grow best in partial shade.

	Trade Pkt.	Oz.
Single Mixed	$0.50	
International Prize. Single; enormous flowers; extra fine. (Orig. pkt., 17c.)		
Double Mixed. (Orig. pkt., 17c.)		

BELLIS PERENNIS—See Daisy

BOLTONIA (False Chamomile)

Latisquama. Perennial, pink tinged with lilac..... $0.25 $1.25

BROWALLIA

Elata Coerulea. Blue ..... .15 .50
Speciosa Major. Most desirable variety as a pot plant; flowers very large; rich blue..... .25

CALCEOLARIA

A most decorative pot plant, which finds ready sale if well grown. Our strains have a wide reputation for the large size and beautiful colors of the flowers.

	½ Trade Pkt.	Trade Pkt.
Hybrida Grandiflora, Choice Mixed	$0.60	$1.00
Hybrida Grandiflora Compacta. Dwarf, mixed	.60	1.00
James' Superb Strain. Superfine, mixed	.60	1.00
Sutton's Perfection. Original packet, 85c.		
Rugosa Mixed. A small flowering sort used for bedding out	.60	1.00

CALENDULA (Pot Marigold)

Excellent for cutting; used extensively for forcing during the winter.

	Trade Pkt.	Oz.
Meteor. Orange, striped deep golden	$0.10	$0.15
Orange King. Rich dark orange	.10	.15
Prince of Orange. Dark orange striped	.10	.15
Grandiflora. Large orange yellow	.10	.15
Sulphurea. Sulphur yellow	.10	.15

CALLIOPSIS (Coreopsis) (Perennial)

Lanceolata Grandiflora. Large golden yellow	.10	.30
California Sunbeams. Large flowers, yellow and brown	.20	.50

Campanula (Canterbury Bell)

CAMPANULA (Bell Flower) (Perennial)

The taller sorts are splendid for cut flowers and most decorative; the dwarf sorts make excellent border plants.

	Trade Pkt.	Oz.
Carpatica Blue. Dwarf 6 inches	$0.10	$0.50
Carpatica White. Dwarf 6 inches	.10	.50
Persicifolia Grandiflora Blue. Grows 3 to 4 feet high and produces large bell-shaped flowers along the whole stem	.25	1.60
Persicifolia Grandiflora White	.25	1.60
Pyramidalis (*Chimney Bell Flower*). Blue and white mixed; 6 feet	.15	.75

CAMPANULA, MEDIA (Canterbury Bell) (Biennial)

Single Blue	$0.10	$0.35
" **Pink**	.10	.35
" **White**	.10	.35
" **Mixed**	.10	.30
Double Mixed	.15	.75

CAMPANULA CALYCANTHEMA (Cup and Saucer)

Calycanthema White	$0.25	$1.50
" **Pink**	.25	1.50
" **Blue**	.25	1.50
" **Mixed**	.20	1.00

Michell s Giant White Candytuft

CANDYTUFT (Iberis)

	Trade Pkt.	Oz.	¼ Lb.
Michell's Giant White. The largest of all. Immense spikes of pure white flowers (Lb., $3.00)	$0.15	$0.35	$1.00
Empress. Flat heads of white flowers. (Lb., $2.00)	.10	.20	.60
Pink	.10	.25	.75
Crimson	.10	.15	.40
Carmine	.10	.25	.75
Purple	10	.15	.50
White Rocket (Lb., 60c.)		.10	.20
Little Prince. Very dwarf, white	.10	.30	1.00
Sempervirens Perennial. White	.25	2.00	

Carnation—Marguerite

CARNATION

	Trade Pkt.	Oz.
Early Vienna Mixed	$0.25	$1.25
Finest German Mixed (1/32 oz., $1.00)	.50	
Choice Mixed	.40	1.50
Marguerite Excelsior, Mixed. Extra large	.30	1.00
" **Pink**	.30	1.00
" **Scarlet**	.30	1.00
" **White**	.30	1.00
" **Yellow**	.30	1.00
" **Choice Mixed**	.20	.60

MICHELL'S SPECIAL CALENDULA

This flower is becoming very popular with the public, as a winter cut flower. This variety produces large flowers of a rich, orange yellow color.

A unique innovation. Better give it a trial.

Large trade packet, 50 cents.

Centaurea Imperialis—New Giant Cornflower

CENTAUREA

CENTAUREA CYANUS (Cornflower)

	Trade Pkt.	Oz.
Emperor William. Deep blue	$0.10	$0.15
Double Blue. Splendid for forcing	.15	.75

CENTAUREA IMPERIALIS (Giant Cornflower)

Deep Rose	.15	.60
Lavender	.15	.60
Lilac	.15	.60
Brilliant Pink	.15	.60
Purple	.15	.60
White	.15	.60
Choice Mixed	.10	.40

NEW GIANT FLOWERED CENTAUREAS

	Trade Pkt.
Honeymoon. Golden yellow	$0.30
The Bride. Pure white	.30
The Bridegroom. Purplish mauve	.30

CENTAUREA (Various Sorts)

	Trade Pkt.	Oz.
Margaritae. Large pure white	$0.20	$0.60
Suaveolens. Large yellow	.10	.25
Montana. Perennial, blue	.25	1.00
" **Alba.** Perennial, white	.25	1.50
Pulcherrima. Perennial; delicate pink	.40	

CERASTIUM (Snow in Summer)

Tomentosum. Perennial, white-leaved edging plant; flowers white	.30	2.00

CHRYSANTHEMUM (Perennial Varieties)

Comtesse de Chambord. Yellow Paris daisy	.15	.50
Frutescens Grandiflorum. White Paris daisy	.15	.50
Shasta Daisy, "Alaska." Pure white	.50	2.00
King Edward VII. Large white	.20	.60
Princess Henry. Large flowered white	.20	.60
Japanese Hybrids. Large flowering, mixed	.50	

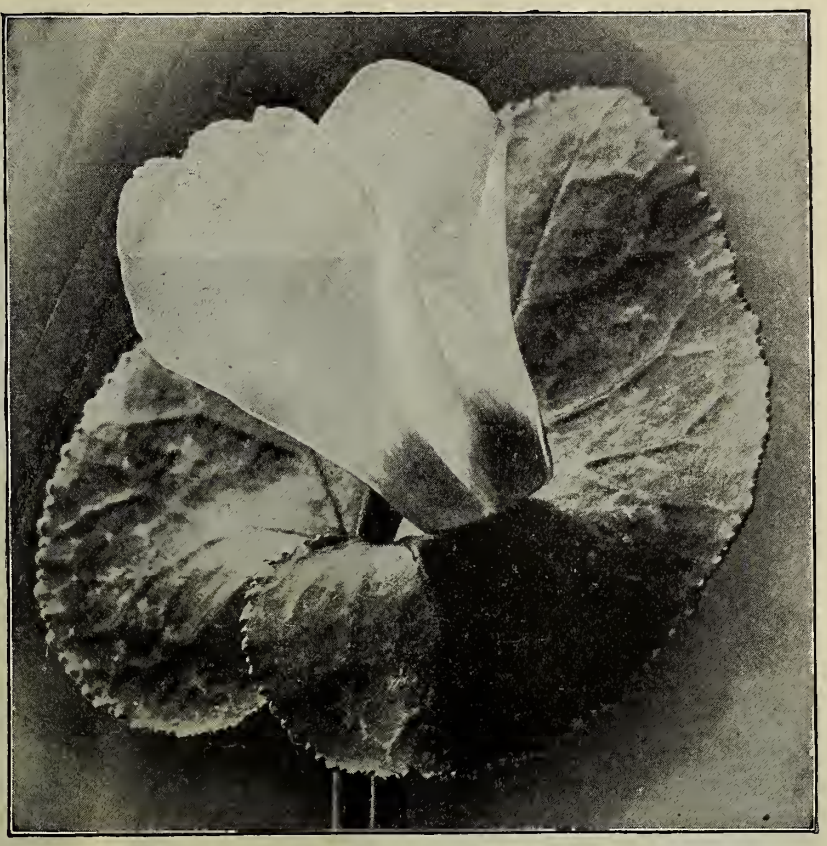
MICHELL'S "DISTINCTIVE" CINERARIAS

The Cineraria Seed offered by us is the best procurable. Immense trusses of the largest flowers, measuring up to four and one-half inches across. Our strains have been awarded numerous First Prizes.

	½ Trade Pkt.	Trade Pkt.
Dwarf Grandiflora Prize. Mixed colors	$0.60	$1.00
Medium Tall Grandiflora Prize. Mixed colors	.60	1.00
James' Giant Strain. Mixed colors	.60	1.00
Sutton's Superb. Mixed colors (Orig. pkt. 65c.)		
Matador. Large flowering scarlet	.60	1.00
Hybrida, Choice Mixed	.30	.50
Radiata Hybrida. Small star-like flowers	.60	1.00
Sutton's Stellata. Star-shaped (Orig. pkt. 65c.)		
Stellata Hybrida. Mixed colors	.60	1.00

CLEMATIS

	Trade Pkt.	Oz.
Flammula. Feathery white flowers	$0.10	$0.25
Jackman's Large Flowering. Mixed	.30	1.75
Paniculata. White, star-shaped flowers	.15	.50



Michell's Fancy Giant Cyclamen

CYCLAMEN

Of this important florist's flower we now offer two distinct strains, both unchallenged in their class as "distinctively superior."

Michell's "Distinctive" Giant

This is an English strain, grown for us exclusively by a grower of world-renown, and the quality cannot be surpassed. *Flowers* are *gigantic;* colors clear and superb; specimen plants are a thing of beauty and always win first prize at exhibitions.

	100 Seeds	1000 Seeds
Duke of Connaught. Crimson	$1.00	$8.50
Excelsior. White with red base	1.00	8.50
Grandiflora Alba. White	1.00	8.50
Princess of Wales. Pink	1.00	8.50
Salmon Queen. Salmon pink	1.00	8.50
Mixed. A splendid assortment of colors	.90	8.00

MICHELL'S GIGANTEUM CYCLAMEN (*Continental Strain*)

This is grown for us exclusively by a specialist, but on the Continent, and the distinction between the former and this strain is. that the Giganteum strain produces comparatively smaller flowers but twice and three times the number of flowers at one time.

	100 Seeds	1000 Seeds
Album. White	$0.75	$6.00
Roseum. Pink	.75	6.00
Rubrum. Red	.75	6.00
White with Red Eye	.75	6.00
Glory of Wandsbek. Salmony red	1.25	10.00
Mixed Colors	.60	5.00

VARIOUS CYCLAMEN

Mrs. Buckston. Frilled and waved flowers; color, delicate salmon. Orig. pkt., 75c.

Rokoko Erecta. Flowers large, upright, beautifully fringed and borne on straight, upright stems; mixed colors. Per 100 seeds, $1.25; $10.00 per 1,000 seeds.

Sutton's Giant. Mixed colors. Orig. pkt., 75c.

Papilio (*Butterfly*). Mixed colors, $1.00 per 100 seeds.

Persicum. Choice Mixed. Trade pkt., 30c.; $2.00 per oz.

Daisy, English Double (Bellis Perennis)

One of the most charming of spring flowers for edgings.

	Trade Pkt.	Oz.
Monstrosa, Pink. (¼ oz., $1.50)	$0.50	
" **White.** (¼ oz., $1.50)	.50	
" **Mixed.** (¼ oz., $1.50)	.50	
Longfellow. Large pink	.30	$1.75
Snowball. Large white	.30	1.75
Double Mixed	.30	1.50

Delphinium

(Perennial Larkspur)

	Trade Pkt.	Oz.
Kelway's Giant. Enormous spikes with flowers of many shades of blue	$0.40	$2.00
Belladonna. Light turquoise blue	5c	
Amos Perry. Rosy mauve, flushed sky blue	.40	2.75
Cashmerianum. Large dark blue	.40	2.50
Chinese Grandiflorum. Dwarf, blue	.10	.35
Chinese Grandiflorum Album. White	.10	.35
Duke of Connaught. Oxford blue, white eye.	.40	2.75
Elatum (Bee Larkspur). Blue	.20	.60
Formosum. Deep blue	.15	.75
Formosum Coelestinum. Sky blue	.25	1.00
Mme. Violet Geslin. Clear blue, white eye	.40	2.75
Nudicaule. Scarlet	.40	
Portia. Cornflower blue, dark centre	.40	2.75
Queen Wilhelmina. Soft lavender blue, flushed with rose, white eye	.40	2.75
Rembrandt. Bright blue and rosy lavender	.40	2.75
Zalil. Yellow	.40	
Hybridum, Mixed. All shades	.10	.30

Delphinium—Kelway's Giant

Dianthus (Hardy Garden Pinks)

Charming summer flowering border plants, with fragrant flowers.

Clove Scented. Double mixed	.30	1.50
Double Scotch. Choice colors	.30	1.50
Dwarf Erfurt. Fragrant, mixed colors	.50	2.00
Latifolius Atrococcineus (*Everblooming Hybrid Sweet William*). Double red	.20	.50
Pheasant's Eye. Single fringed flowers	.10	.40

Dictamnus (Gas Plant)

Fraxinella. Purple red flowers; perennial	.10	.25

Reading, Pa., April 24, 1915.

Gentlemen:—It is a pleasure to me to state that during my eighteen years as a gardener I never had any seeds that germinated better than your seed. **This spring I sowed over seventy varieties of Flower Seeds** and every one came up.

Yours very truly,

A. L.,

Care of J. D. H.

Digitalis (Fox Glove) Gloxiniaeflora

Digitalis (Fox Glove)

One of the finest of hardy perennial plants, succeeding almost anywhere.

	Trade Pkt.	Oz.
Gloxiniaeflora, Pink	$0.10	$0.40
" **Purple**	.10	.40
" **Lilac**	.10	.40
" **White**	.10	.40
" **Mixed**	.10	.30
Monstrosa, Mixed	.25	.75

Dracena

Indivisa. Our seeds are picked for plumpness. Narrow green leaves, the popular sort for bedding or vases (¼ lb., $1.00)	.10	.30
Australis. Broad leaves	.15	.50

Eupatorium

Fraseri. Hardy perennial; flowers white	.15	.40

Ferns for Greenhouse

We make a specialty of greenhouse ferns and furnish absolutely fresh spores to insure prompt germination. The following varieties can be relied upon to come true to name:

	Trade Pkt.
Adiantum (Maiden Hair). Mixed	$0.50
Pteris Varieties. Mixed	.50
All Sorts Mixed	.50

Adiantum Cuneatum	**Pteris Magnifica**
Aspidium Tensimense	" **Mayii**
Cyrtomium Falcatum	" **Serrulata Cristata**
Lomaria Gibba	" **Tremula**
Lygodium Scandens	" **Victoria**
Pteris Adiantioides	" **Wimsettii**
" **Alba Lineata**	" **Wilsoni**

Each Variety, per Trade Package, 50c.

Fuchsia

	100 Seeds	1000 Seeds
Mixed. Best single and double	$0.30	$2.25

Gaillardia, Grandiflora

Gaillardia (Perennial Varieties)

Gigantic attractive flowers appear during the whole season; fine for cutting or borders.

	Trade Pkt.	Oz.
Grandiflora Compacta. Mixed	$0.15	$0.40
Grandiflora Superba. Mixed	.10	.40
Sanguinea. Blood red	.20	.75
Semi-Double. Mixed	.25	1.00
Sulphurea Oculata. Sulphur yellow, maroon eye	.25	.75

Gypsophila Paniculata

Gypsophila (Baby's Breath)

	Trade Pkt.	Oz.
Paniculata. Perennial; white	$0.10	$0.30
Paniculata fl. pl. Double white flowers	.50	

Gloxinia

Carefully saved seeds from perfect flowers and shapely plants.

	Trade Pkt.	Oz.
Hybrida Grandiflora, Choicest Mixed (⅛ trade pkt., 60c.)	$1.00	

Golden Rod

	Trade Pkt.	Oz.
Solidago Canadensis. Hardy perennial; golden yellow	$0.10	$0.40

Grevillea (Silk Oak)

Robusta. An ornamental foliage plant, useful in many ways, and very easily grown from seed	.15	.50

Helenium

Autumnale Superbum. Perennial; yellow	.25	1.25

Heliopsis (Orange Sunflower)

Pitcheriana. Perennial; golden yellow	.10	.30

Heliotrope

Lemoine's Giant Hybrids. Immense flowers	.40	1.50
Regal. Dwarf, large flowering	.40	1.50
Choice Mixed	.20	1.00

Heuchera (Alum Root)

Sanguinea. Hardy perennial; crimson flowers	.30	2.00

Hibiscus (Marshmallow)

New Giant (*Mallow Marvel*). Mixed	.30	.75
Crimson Eye. White with crimson centre	.10	.50
Golden Bowl. Yellow, with maroon centre	.15	.60
Moscheutos. Large pink flowers	.10	.30
Palustris. Pink	.15	.40

For Hollyhock Plants see under Perennial Plants, page 69.

Gerbera (Transvaal Daisy)

This is a greenhouse perennial and will no doubt become a popular cut flower, when the grower makes a closer acquaintance. Place seeds on edge and let fuzzy part protrude.

Jamesoni Gigantea. Immense scarlet flowers. Per 100 seeds, 75c.

Jamesoni Hybrida. These hybrids produce every possible shade of color. Per 100 seeds, 75c.

Gentiana (Blue Gentian)

Acaulis. Hardy perennial, blue flowers. Tr. pkt., 15c.; 75c. per oz.

Geranium

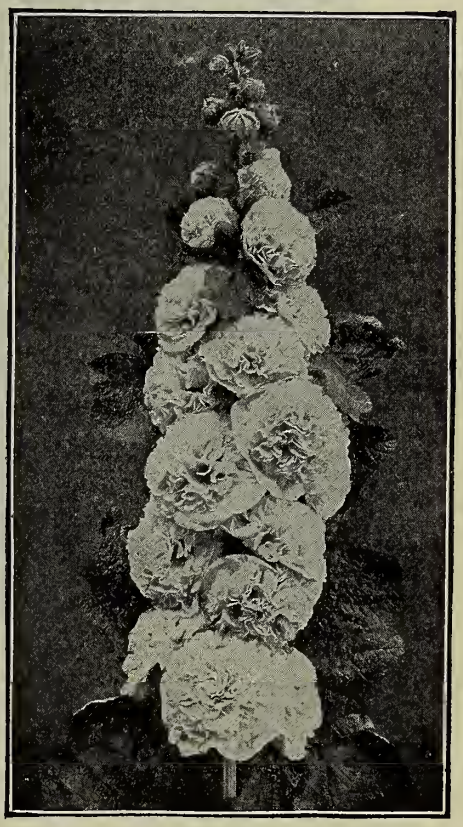
Apple Scented. Per 100 seeds, 20c.; $1.50 per 1000 seeds.

Pelargonium (*Lady Washington*). Per 100 seeds, 75c.

Zonale, Mixed. Tr. pkt., 15c.; 60c. per oz.

Geum

Atrosanguineum fl. pl. Large showy, double dark crimson flowers; perennial. Tr. pkt., 20c.; 75c. per oz.



Hollyhocks

Hollyhock

	Trade Pkt.	Oz.
Allegheny Semi-Double Fringed Mixed	$0.20	$0.60
Chater's Double Maroon	.25	.75
" " **Pink**	.25	.75
" " **Red**	.25	.75
" " **Salmon**	.25	.75
" " **White**	.25	.75
" " **Yellow**	.25	.75
" " **Mixed**	.20	.60
Double Hybrid Everblooming. Mixed	.25	.75
Single Hybrid Everblooming. Mixed	.20	.60
Single Mixed	.15	.50

Incarvillea (Hardy Gloxinia)

	Trade Pkt.	Oz.
Delavayi. Perennial; gloxinia-like flowers of a deep pink	$0.40	$2.00

Iris (Flowering Flag)

Kaempferi (*Japanese Iris*). Perennial; mixed	.15	.40

Kenilworth Ivy

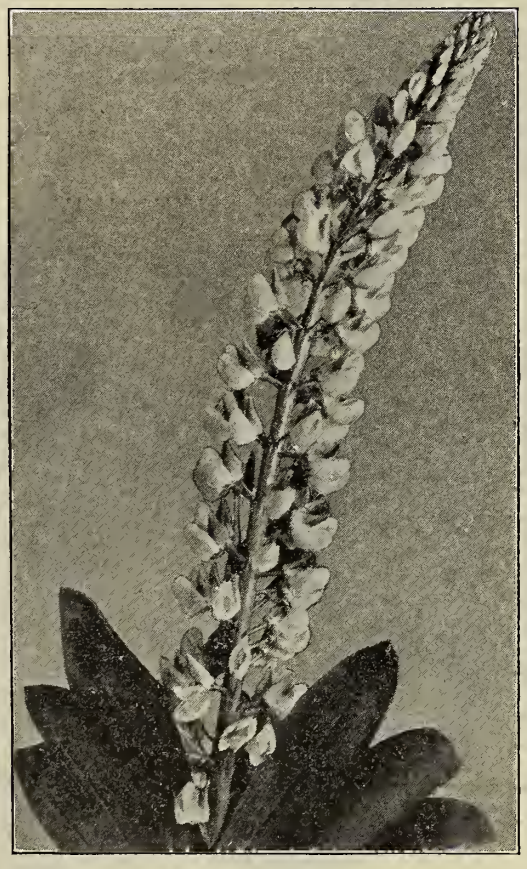
Linaria Cymbalaria. Pink flowers	.25	1.25

Lathyrus Latifolius (Perennial Pea)

Crimson. Brilliant	.10	.30
Pink Beauty. Bright rosy pink	.10	.50
White	.10	.35
Choice Mixed	.10	.30

Lavender

Lavendula Vera (*True*). Fragrant blue flowers	.15	.50



Lupinus—Annual

Lupins (Annual)

A splendid annual for forcing in greenhouses. Six weeks from day of germination will produce the flower. Spikes average two feet in length, are very showy and keep well after cutting. An easy seller.

	Trade Pkt.	Oz.
Michell's Pink Beauty. This is by far the best; color a pleasing delicate salmon pink	$0.10	$0.30
Blue	.10	.20
Pink	.10	.20
Red	.10	.20
Scarlet, White Tipped	.10	.20
White	.10	.20
Yellow	.10	.30
Mixed	.10	.15

LUPINS (Perennial)

Polyphyllus Blue	.10	.20
" **Roseus.** Soft pink	.15	.75
" **White**	.10	.20
" **Mixed.** All colors	.10	.15

Lobelia

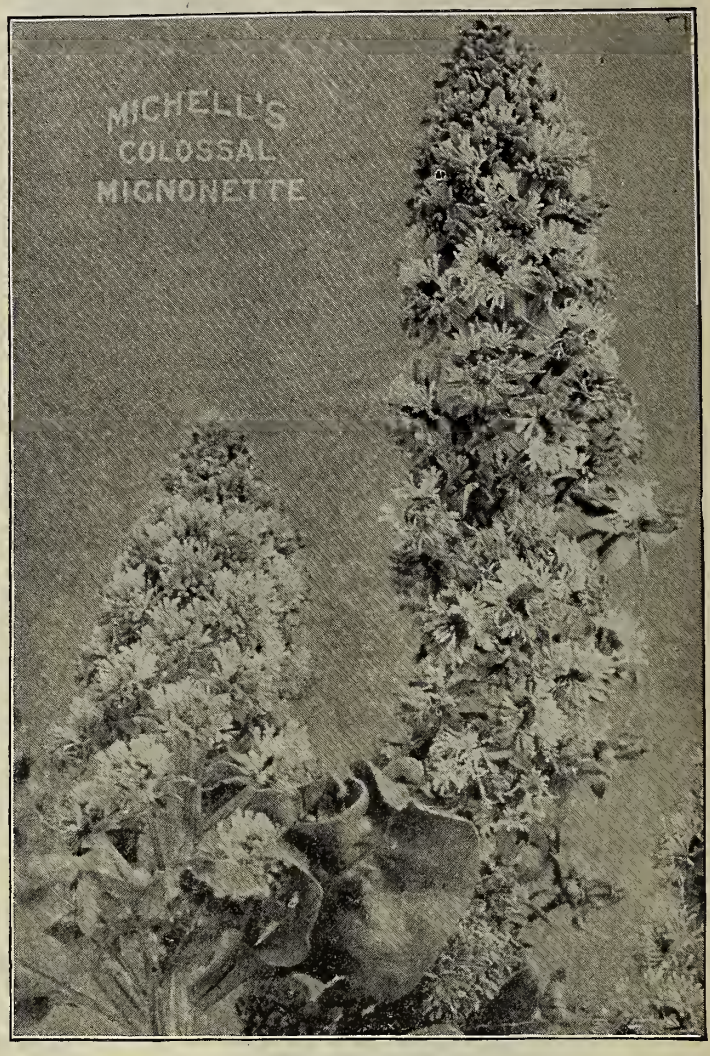
	Trade Pkt.	Oz.
Cardinalis (*Cardinal Flower*). Perennial; scarlet	$0.40	$2.25

Lychnis (Perennial)

Chalcedonica. Scarlet; 2 feet	.10	.30
Flos Cuculi. Bright red, fringed flowers	.25	1.25
Haageana Hybrida. Mixed; 8 inches	.15	1.00

Lythrum (Rose Loosestrife)

Roseum Superbum. Perennial; stately spikes of pink flowers; 3 feet	.10	.25



Mignonette

	Trade Pkt.	Oz.
Michell's Colossal. The finest Mignonette for forcing. Colossal spikes from 18 to 24 inches high with massive flowers	$0.40	$4.00
Hoehl's Giant Flowering. Grown by a specialist; seeds saved from specimen plants	.50	6.00
Allen's Defiance. Large spikes ¼ lb. 1.25	.15	.40
Bismarck. Large compact heads	.20	.60
Machet. Improved and selected ¼ lb. 75c.	.10	.25
Golden Machet. Yellow	.10	.25
Goliath. Giant spikes	.15	.50
Sutton's Giant. Reddish buff. Orig. pkt. 30c.		
Miles' Spiral. Good for outdoor ¼ lb. 50c.	.10	.15
Parson's White. Almost white	.10	.20
Sweet Scented. The old fashioned (lb. 50c.)		.10

Monarda (Bergamot)

Didyma. Perennial; deep red flowers	.50	

Musa

Ensete (*Abyssinian Banana*). Per 10 seeds 20c., 40c. per 25 seeds, 100 seeds $1.00.

Myosotis (Forget-Me-Not)

Myosotis (Forget-Me-Not)

	Trade pkt.	Oz.
Alpestris Victoria. Bright blue; the best for bedding; dwarf and compact	$0.25	$0.75
Ruth Fischer (*New*). Flowers large and of true Forget-Me-Not blue	.50	
Eliza Fanrobert. Blue, fine for pots	.15	.75
Palustris. Heavy robust plants, deep blue.	.30	1.50
" **Semperflorens.** Everblooming, blue	.25	1.50
Grandiflora Alba. White	.20	1.00
" **Rosea.** Pink	.20	1.00
Royal Blue. Erect growing	.30	.75
Choice Mixed	.15	.50
Dissitiflora (*Perennial*). Deep blue	.30	2.00

Michell's Giant Exhibition Pansy

MICHELL'S GIANT PANSIES

Giant Flowering Pansies in Separate Colors

Note—Please do not compare our Giant Prize Pansies with the ordinary Giant Trimardeau; the seed we offer will produce flowers of much heavier texture.

	Trade pkt.	Oz.
Giant Prize Azure Blue	$0.40	$1.75
" " **Black Blue**	.40	1.75
" " **Emperor William.** Blue	.40	1.75
" " **Hortensia Red**	.40	2.50
" " **King of the Blacks**	.40	1.75
" " **Lord Beaconsfield.** Purple violet	.40	1.75
" " **Peacock.** Blue, claret and white	.40	2.50
" " **Snow Queen.** Pure white	.40	1.75
" " **Striped and Mottled**	.40	1.75
" " **White with Eye**	.40	1.75
" " **Pure Yellow**	.40	1.75
" " **Yellow with Eye**	.40	1.75

Regular Sorts in Separate Colors

Belgian Striped	.25	1.00
Emperor William. Ultramarine blue	.25	1.00
Faust, or King of the Blacks	.25	1.00
Gold Margined. Purple, golden edge	.25	1.00
Havana Brown	.25	1.00
Lord Beaconsfield. Purple violet	.25	1.00
Mahogany Colored	.25	1.00
Silver Edged. Purple, silver edge	.25	1.00
Snow Queen. Pure white	.25	1.00
White with Eye	.25	1.00
Yellow Gem. Pure yellow	.25	1.00
Yellow with Eye	.25	1.00

Giant Flowering Pansies in Mixture

Michell's Giant Exhibition Mixed. A giant strain which we have secured from the leading Pansy specialists in Germany, England and France. For size of bloom, heavy texture and varied shades and colors, with their distinct markings, this strain cannot be excelled. 30c. per ½ trade pkt.; trade pkt., 50c.; ⅛ oz., 75c.; oz., $5.00.

Triumph of the Giants Mixed. A robust grower, producing on long stems flowers of immense size and of unusual substance; the petals being very broad and overlapping each other make the flowers appear almost double; many beautiful, rich and rare shades. 60c. per ½ trade pkt.; trade pkt., $1.00; $1.75 per ¼ oz.; per oz., $6.00.

	Trade Pkt.	Oz.
Bugnot, Odier and Cassier. Superb mixture	$0.50	$4.00
Giant Trimardeau. Very large flowering	.30	1.00
Mad. Perret. Blooms very early; fragrant; especially rich in red shades	.50	2.50
Masterpiece (*Frilled Pansy*). Flowers beautifully curled or waved	.50	4.00
Odier or Blotched. A beautiful strain	.50	3.00
Parisian Large Stained. Large flowering	.40	2.00
Finest English Mixed. Large flowering	.25	.75
Very Fine Mixed	.15	.50

PAEONY

	Trade Pkt.	Oz.
Mixed. Double and semi-double	$0.25	$1.50

PASSIFLORA (Passion Flower)

Mixed	.20	1.00

Pentstemon

	Trade Pkt.	Oz.
Barbatus Torreyi. Perennial, scarlet	$0.10	$0.40
Digitalis. Perennial, white	.10	.25
Hartwegi Albus. Gloxinia-like, pure white flowers; perennial. Orig. pkt., 20c.		
Mixed. Hardy perennial	.10	.25

Phlox (Hardy)

Decussata. Mixed	.25	1.25

Physostegia

Virginica. Pink; perennial	.15	.50
" **Alba.** White; perennial	.25	1.00

Platycodon (Chinese Bell Flower)

Grandiflorum, Blue. Perennial	.10	.60
Grandiflorum, White. Perennial	.10	.60
Japonicus, fl. pl. Perennial; double blue	.30	2.00

Polyanthus (Primula Elatior)

Gold Laced. Very showy	.40	2.25
Double Mixed	.50	
English. Single Mixed	.25	1.25

Orientale Poppy

Poppy (Perennial)

	Trade Pkt.	Oz.
Giant Scarlet	$0.10	$0.25
Iceland. Single Mixed	.15	.50
" **Double Mixed**	.25	1.00
" **White**	.15	.60
" **Yellow**	.15	.60
Orientale. Deep scarlet	.20	.50
" **Mrs. Perry.** Rich salmon pink	.30	1.50
" **Parkmanni.** Deep crimson	.30	1.50
" **Psyche.** Delicate rosy blush	.30	2.00
" **Trilby.** Brilliant red	.30	2.00
" **Hybrids.** Mixed colors	.25	1.00

Pueraria (Kudzu Vine)

Thunbergiana. Perennial climber; rosy purple flowers	.20	.50

Pyrethrum (Perennial)

Roseum. Pink	.20	1.50
Uliginosum (*Giant White Daisy*)	.25	1.50
Hybridum. Double mixed	.50	
Hybridum. Single mixed	.15	1.50

Michell's "Distinctive" Chinese Primrose

Michell's "Distinctive" Primroses

PRIMULA CHINENSIS

It is with no little amount of pride we offer this superb strain, grown for us exclusively by one of the best specialists in Europe. The plants are compact, individual and cluster of flowers immense, colors superb and mostly fringed petals. If you grow Primulas remember Michell's "Distinctive" Quality is the best.

	½ Trade Pkt.	Trade Pkt.
Michell's Prize Mixture. An even blending of all colors (1/16 oz., $2.50)	$0.60	$1.00
Alba Magnifica. White (1/32 oz., $1.50)	.60	1.00
Chiswick Red. Bright red (1/32 oz., $1.75)	.60	1.00
Duchess. Large, white with zone of rosy carmine, yellow eye (1/32 oz., $2.50)	.60	1.00
Holborn Blue (1/32 oz., $2.00)	.60	1.00
Kermesina Splendens. Crimson (1/32 oz., $1.75)	.60	1.00
Rosy Morn. Pink (1/32 oz., $2.00)	.60	1.00
Sutton's Stellata (*Star Primrose*). Distinct strain of pyramidal growth and loose branches of flowers. Original pkts., 65c.		
Fern Leaved Mixed (1/16 oz., $2.00)	.60	1.00

PRIMULA OBCONICA GIGANTEA

A great improvement over the old type; flowers much larger and produced in greater abundance. These are splendid pot plants and stay in bloom the entire winter.

	½ oz.	Trade Pkt.
Lilacina. Pale lilac	$1.50	$0.50
Rosea. Pink	1.50	.50
Kermesina. Deep crimson	2.00	.50
Alba. White	1.50	.50
Hybrida Mixed	1.50	.50

PRIMULA OBCONICA GRANDIFLORA

	Trade Pkt.
Grandiflora Compacta. Dwarf compact growing plants; flowers rosy lilac	$0.50
Grandiflora Fimbriata. Fringed flowers; mixed colors	.50
Vesuvius. Deep crimson	.50
Crispa (*New*). Large flowers which are crisped or curled; color, from apple blossom pink to rose	.50

PRIMULA, VARIOUS SORTS

Malacoides. Resembles Primula Forbesi, but the flowers are much larger; color, light lilac	.50
Malacoides Alba. This new variety produces pure white flowers	.50
Malacoides Rosea. Color, light rose to carmine rose	.50
Kewensis (*Verbena Scented Yellow Primrose*). Of strong, vigorous growth; numerous spikes, 12 to 18 inches long, with 4 to 6 whorls of bloom; color, soft yellow (1/16 oz., $1.00)	.50
Buttercup. Yellow. (1/32 oz., $1.00)	.50
Cortusoides Sieboldii. Mixed colors	.50
Forbesi (*Baby Primrose*). (⅛ oz., $1.00)	.50
Veris (*Cowslip*). Mixed. (Oz., $1.00)	.15
Vulgaris (*English Yellow Primrose*). (Oz., $1.50)	.30

Rudbeckia (Cone Flower)

	Trade Pkt.	Oz.
Newmani. Perennial; yellow	$0.30	$1.00
Purpurea (*Giant Purple Cone Flower*). Hardy perennial; reddish purple flowers	.15	1.00

Salvia

Azurea Grandiflora. Perennial; sky blue	.25	1.25

Scabiosa

Caucasica. Perennial; lilac	.30	1.50
Caucasica Alba. White	.40	2.00
Japonica. Perennial; lavender blue	.20	.60

Schizanthus—Wisetonensis

Schizanthus (Butterfly Flower)

	Trade Pkt.	Oz.
Grahami Niveus. Pure white	$0.40	$1.00
Hybridus Grandiflorus. Dwarf mixed	.20	.75
Wisetonensis. Various colors; fine for pots	.40	1.75
" **Albus "Bridal Veil."** Large, snowy white flowers. Per pkt., 20c.		
Mixed. All colors	.10	.15

Shamrock

True Irish	.25	.75

Smilax (Myrsiphyllum Asparagoides)

A desirable greenhouse climber of great value for floral decorations. Trade pkt., 10c.; 30c. oz.; ¼ lb., $1.00; $3.00 lb.

Statice (Everlasting Flower)

Latifolia. Perennial variety; large, deep blue flowers. Trade pkt., 20c.; $1.00 per oz.

Michell's Distinctive Stocks

For years we have made a specialty of supplying "distinctive" strains and have built up a reputation bar none. Our stocks are of **superior quality, strong germination,** and have a **remarkably small percentage of single flowers.**

MICHELL'S FLOWER MARKET STOCK

A branching stock of vigorous growth; produces large flowers evenly distributed over the stem and very early. A single plant will produce from 10 to 15 separate flower branches. The type is of "Cut-and-Come-Again," but superior to what is usually known by that name.

	½ Trade Pkt.	Trade Pkt.	Oz.
Pure White	$0.30	$0.50	$3.00
Flesh Pink	.30	.50	3.00
Rose Pink	.30	.50	3.00
Light Blue	.30	.50	3.00
Dark Blue	.30	.50	3.00
Blood Red	.30	.50	3.00
Mixed Colors	.30	.50	2.50

Stocks (*Continued*)

MICHELL'S "DISTINCTIVE" COLUMN STOCK

Produces plants composed of one gigantic spike dressed with immense perfect double flowers.

Blood Red. ½ trade pkt., 30c.; 50c. per trade pkt.; oz., $3.50.

White. ½ trade pkt., 30c.; 50c. per trade pkt.; oz., $3.50.

MICHELL'S EARLY FLOWERING "NICE STOCK"

A branching stock literally covered with blooms which appear **earlier than in any other strain.** The seed we offer comes **direct from the originator.**

Beauty of Nice. Charming delicate pink, the most popular of all. ½ trade pkt., 30c.; 50c. per trade pkt.; oz., $2.00.

Queen Alexandra. Delicate lavender. ½ trade pkt., 30c.; 50c. per trade pkt.; oz., $2.00.

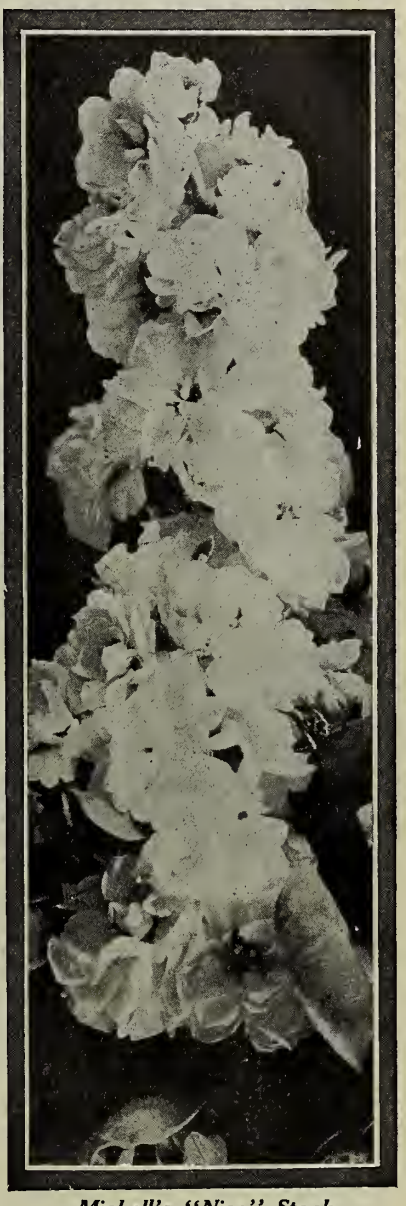
Crimson King. Deep red. ½ trade pkt., 30c.; 50c. per trade pkt.; oz., $2.25.

Victoria. Pure white. ½ trade pkt., 30c.; 50c. per trade pkt.; oz., $2.00.

Abundance. Of dwarf spreading habit; color, carmine rose. ½ trade pkt., 30c.; 50c. per trade pkt., oz., $3.00.

Mme. Rivoire. Large double, pure white flowers. ½ trade pkt., 30c.; 50c. per trade pkt.; oz., $2.50.

Ia Brilliante. Double flowers; rich crimson. ½ trade pkt., 30c.; 50c. per trade pkt.; oz., $2.50.



Michell's "Nice" Stock

LARGE FLOWERING DWARF TEN WEEK STOCK

	½ Trade Pkt.	Trade Pkt.	Oz.
Blood Red	$0.25	$0.40	$2.50
Light Blue	.25	.40	2.50
Pink	.25	.40	2.50
Purple Violet	.25	.40	2.50
White	.25	.40	2.50
Yellow	.25	.40	2.50
Mixed	.25	.40	2.00

STOCKS (Various Sorts)

Wallflower Leaved. Choice mixed	.25	.40	2.25
Brompton, or Winter. Mixed	.30	.50	2.50
Princess Alice (Cut-and-Come-Again). Of branching habit; pure white; excellent for cutting	.30	.50	2.50
New Pyramidal Stock, "Bismarck." A splendid sort for cutting; immense pure white flowers along a colossal spike, often 30 inches in length, with many side shoots	.30	.50	3.00
New Winter Stock, "White Lady." Plants throw up a massive central spike, which branches freely; flowers large, double and of lustrous snowy white	.30	.5(	

STOKESIA (Cornflower Aster)

	Trade Pkt.	Oz.
Cyanea. A hardy perennial; each plant bearing 20 to 30 lavender-blue flowers	$0.20	$0.75
Cyanea Alba. Pure white	.25	1.00

SUNFLOWER (Helianthus)

Golden Bouquet. Perennial; yellow	.20	1.00
Choice Mixed. Perennial	.30	1.50

Sweet Pea—Yarrawa

New Winter Flowering Spencer SWEET PEA—YARRAWA

This new variety is a true winter blooming Spencer, flowering uninterruptedly for several months. The flowers are exquisitely waved and when well grown average two and one-half inches in diameter, many of them being duplex or double flowered. They are usually produced in fours on extra long stems. Color, a pleasing shade of bright rose pink, with light wings.

Price: Per ¼ oz., $1.00; $3.50 per oz.; ¼ lb., $12.50.

New Winter Flowering Spencer SWEET PEA—ROSE QUEEN

The flowers are borne on long stems, and are of a most attractive pink color; it is a decided acquisition, and is sure to be in demand wherever grown. We offered this variety to our customers last season for the first time and it gave the utmost satisfaction.

Price: Per ¼ oz., $3.00; $10.00 per oz.

Michell's Christmas or Winter Flowering SWEET PEAS

ESPECIALLY ADAPTED FOR FORCING

If wanted by mail, add 8c. per lb. for postage.

	Oz.	¼ Lb.	Lb.
Michell's Snowdrift. Pure white; black seeded; extra early; large flowers on long stems	$0.25	$0.75	$2.00
Blanche Ferry (*Extra Early*). Pink and white	.10	.25	.85
Christmas Meteor. Scarlet	.15	.50	1.50
" **Pink.** Pink and white	.15	.50	1.50
" **White**	.15	.50	1.50
Earliest of All. Pink and white	.10	.25	.85
Le Marquis. Large dark blue	.15	.50	1.50
Mont Blanc. Early; pure white	.10	.25	.85
Mrs. Alex. Wallace. Lavender	.15	.50	1.50
Mrs. Chas. H. Totty. Lavender	.15	.50	1.50
Mrs. F. J. Delansky. Daybreak pink	.15	.50	1.50
Mrs. Geo. Lewis. Pure white	.15	.50	1.50
Mrs. William Sim. Salmon pink	.15	.50	1.50
Mrs. W. W. Smalley. Satin pink	.15	.50	1.50
Watchung. Pure white	.15	.50	1.50
Mixed. Winter flowering	.15	.50	1.50

SWEET PEAS—GENERAL LIST

For early blooming outdoors we recommend sowing seed the latter part of November; these will bloom much earlier the following year than spring-sown seed.

SPENCER OR ORCHID FLOWERED VARIETIES

These are distinguished from the standard sorts by the enormous flowers which are crinkled and wavy, and from the fact that almost invariably four flowers are produced on a stem. The varieties marked (*) are the best kinds for commercial purposes.

For forcing in greenhouse these should be sown the latter part of December or in January, coming into bloom in April and May.

	Oz.	¼ Lb.	Lb.
***Apple Blossom Spencer.** Deep pink	$0.20	$0.60	$2.00
***Asta Ohn Spencer.** Rich lavender	.20	.60	2.00
***Blanche Ferry Spencer.** Pink and white	.20	.60	2.00
Captain of the Blues Spencer. Standard purple, wings blue	.20	.60	2.00
***Countess Spencer.** Soft rose pink	.15	.50	1.75
***Duplex Spencer.** Large; creamy pink	.30	1.00	3.50
***Elfrida Pearson.** Light pink, margined darker pink	.20	.70	2.50
***Flora Norton Spencer.** Light lavender	.20	.70	2.50
***Florence Morse Spencer.** Delicate blush	.20	.60	2.00
***Florence Nightingale.** Large; lavender	.20	.70	2.25
***Frank Dolby.** Mauve lavender	.15	.40	1.25
George Herbert. Rose pink	.20	.60	2.00
***Gladys Unwin.** Delicate pink	.10	.30	1.00
Helen Lewis. Orange pink	.20	.60	2.00
***Illuminator.** Rich salmon pink. Per pkt., 12c.			
King Edward Spencer. Bright crimson	.20	.60	2.00
***King White.** Gigantic pure white	.75	2.50	
***Lovely Spencer.** Deep pink, shading to blush	.20	.60	2.00
***Margaret Altee.** Salmon pink on cream ground. Per pkt., 12c.			
***Mrs. Hugh Dickson.** Salmon pink on cream ground	.20	.60	2.00
***Mrs. Routzahn Spencer.** Buff pink	.20	.60	2.00
***Nora Unwin.** Extra large white	.10	.30	1.00
Othello Spencer. Deep maroon	.20	.60	2.25
***Primrose Spencer.** Light yellow	.20	.60	2.00
Queen Alexandra. Bright scarlet	.20	.60	2.00
Vermilion Brilliant. Intense scarlet	.40	1.40	
Wedgewood. A lovely self blue	.60	2.00	
***White Spencer.** Clear white	.20	.60	2.00

STANDARD VARIETIES

***Blanche Ferry.** Pink and white	.10	.25	.75
***Dorothy Eckford.** Extra large; white	.07	.20	.60
Duke of Westminster. Standard clear purple; wings violet	.10	.25	.75
***Flora Norton.** Delicate lavender	.10	.25	.85
***Hon. Mrs. E. Kenyon.** Primrose yellow	.10	.25	.75
***Katherine Tracy.** Brilliant pink	.07	.20	.60
***King Edward VII.** Crimson scarlet	.10	.25	.75
***Lady Grisel Hamilton.** Pale lavender	.10	.25	.85
***Lord Nelson.** Rich navy blue	.10	.25	.75
***Lovely.** Soft, shell pink	.10	.25	.75
Miss Willmott. Deep orange pink	.10	.25	.75
Othello. Very dark maroon	.10	.25	.85
***Prima Donna.** Lovely soft pink	.10	.25	.75
***Prince of Wales.** Rose crimson	.10	.25	.75

SWEET PEAS IN MIXTURE

Michell's Spencer or Orchid Flowered. Blended only from the Giant Waved Spencer varieties, including a number of new hybrids of exquisite colors and shades	.15	.40	1.35
Michell's Magnificent. Great care has been taken in making up this mixture, selecting the large flowering, long stemmed varieties, a large percentage of which are of the lighter colors and shades	.10	.25	.75
Michell's Gilt Edge. Eckford's large flowering; represents almost every color and shade in sweet peas	.07	.20	.60

SWEET ROCKET (Hesperis)

	Trade Pkt.	Oz.
Mixed. Perennial; purple and white	$0.10	$0.15

Single Sweet William

SWEET WILLIAM (Dianthus Barbatus)

	Trade Pkt.	Oz.
Single Crimson	$0.10	$0.25
" **Red** with white eye	.10	.25
" **Velvety Maroon**	.10	.25
" **Violet** with white eye	.10	.25
" **White**	.10	.25
" **Mixed.** All colors	.10	.20
Pink Beauty. Flowers large; salmon pink	.30	1.00
Scarlet Beauty. Intense, rich deep scarlet	.40	1.50
Auricula Flowered. Single mixed	.10	.50
Double Mixed. All colors	.15	.50

TRITOMA (Red Hot Poker Plant)

Uvaria Grandiflora. Orange scarlet	.15	.60

VALERIANA (Garden Heliotrope)

Officinalis. Perennial; rose pink flowers	.30	1.50
Mixed. Perennial; fragrant	.10	.25

VERONICA (Speedwell)

A showy, hardy perennial border plant.

Spicata. Blue	.25	1.50
Virginica. White	.25	1.60

Vinca

VINCA

	Trade Pkt.	Oz.
Alba. White, with rose centre	$0.15	$0.60
Alba Pura. Pure white	.15	.60
Rosea. Pink	.15	.60
Mixed	.15	.50

Michell's Mammoth Fancy Verbena

MICHELL'S VERBENAS

Our Mammoth Fancy Strain of this popular bedding plant cannot be excelled for its free flowering qualities, large size and purity of colors.

	Trade Pkt.	Oz.
Michell's Mammoth Fancy Blue	$0.30	$1.25
" " " **Pink**	.30	1.25
" " " **Scarlet**	.30	1.25
" " " **Striped**	.30	1.25
" " " **White**	.30	1.25
" " " **Mixed**	.30	1.00
New Giant Flowered Mixed. A new variety of large size with extra large, white eyes	.50	2.50
Mammoth Choice Mixed	.25	.75
Fine Mixed	.20	.60
Lemon Scented (*Aloysia Citriodora*)	.30	1.60

VIOLA CORNUTA (Tufted Pansies)

Admiration. Dark blue	.25	1.50
G. Wermig. Of the identical color of the "Princess of Wales" Violet. Per pkt., 15c.		
Lutea Splendens. Clear yellow	.25	1.00
Mauve Queen. Lovely mauve color	.25	1.25
Perfection. Light blue	.25	1.50
White Perfection. Pure white	.25	1.50

WALLFLOWER

Double Brown (¼ oz., 75c.)	.40	
" **Yellow** (¼ oz., 75c.)	.40	
" **Mixed**	.30	1.75
Single Mixed	.10	.15
Paris Extra Early. Single flowering; blooms the first year from seed.		
Blood Red	.15	.50
Yellow	.15	.50
Mixed	.15	.25

MICHELL'S RELIABLE VEGETABLE SEEDS, ETC.

For the convenience of our Southern patrons and those who plant vegetable seed of some kind or other during the entire year we have included in this list a complete line of vegetable seeds. Prices on some items may be lower, others higher, in our next catalogue issue, which is January.

SPECIAL NOTICE All Vegetable Seeds NOT listed in our Wholesale Catalogue which may be found in the Retail List are subject to the following discounts from Retail Prices, viz.: Packets 33⅓ per cent.; ounces, pints and quarts, 25 per cent.; novelties 20 per cent.

	Oz.	¼ Lb.	Lb.
ANISE. Used for flavoring	$0.07	$0.25	$0.90
ARTICHOKE. Large Green Globe	.25	.75	2.75

ASPARAGUS

Barr's Mammoth. Best Green sort (5 lbs. $1.75)	.05	.15	.40
Columbian Mammoth, White. (5 lbs. $2.00)	.05	.15	.50
Conover's Colossal. Giant White Variety (5 lbs. $1.50)	.05	.15	.35
Giant d'Argenteuil. French White sort	.10	.25	.80
Palmetto or Eclipse (5 lbs. $1.75)	.05	.15	.40

ASPARAGUS ROOTS (*Ready in October*)

	2 year old Roots 100	2 year old Roots 1000	3 year Old Roots 100	3 year Old Roots 1000
Barr's Mammoth	$0.50	$4.25	$1.00	$8.00
Columbian Mammoth White	.50	4.25	1.00	8.00
Conover's Colossal	.50	4.25	1.00	8.00
Giant d'Argenteuil	.60	4.25	1.00	8.00
Palmetto or Eclipse	.50	4.25	1.00	8.00

BEANS—Green Podded, Dwarf Varieties

	Qt.	4 Qts.	Peck	Bushel
Best of All	$0.25	$0.90	$1.75	$6.75
Black Valentine	.30	1.10	2.00	8.00
Boston Navy or Pea	.25	.80	1.50	6.00
Broad Windsor (Dwarf) Green Pod	.30	1.10	2.00	8.00
Dwarf Horticultural	.30	1.10	2.00	8.00
Early Long Yellow (6 weeks)	.25	.90	1.60	6.40
Early Mohawk (6 weeks)	.25	.90	1.75	6.75
Extra Early Refugee	.30	1.00	1.90	7.50
Full Measure	.30	1.15	2.00	8.00
Longfellow	.25	.90	1.75	7.00
Mam. Stringless (Giant Valentine)	.30	1.10	2.00	8.00
Red Valentine (Improved)	.25	.90	1.60	6.40
Sion House (forcing)	.50	1.50	2.75	
Stringless Green Pod	.30	1.10	2.00	8.00
Triumph of Frames (for forcing)	.50	1.50	2.75	
White Kidney or Royal Dwarf	.25	.80	1.50	5.50
White Marrowfat (used shelled)	.25	.80	1.50	6.00

BEANS—Wax or Yellow Podded

	Qt.	4 Qts.	Peck	Bushel
Black or German Wax	$0.30	$1.10	$2.00	$8.00
Currie's R. P. Golden Wax	.30	1.10	2.00	7.75
Davis' White Wax	.30	1.10	2.00	8.00
Dwarf Golden Wax (Rust Proof)	.35	1.25	2.25	8.75
Wardwell's Kidney Wax (Flat Pod)	.35	1.25	2.40	9.60

BEANS—Pole Sorts not Lima

	Qt.	4 Qts.	Peck	Bushel
Early Golden Cluster. Yellow Pod	$0.30	$1.15	$2.25	$9.00
Horticultural. Green Pod	.25	.90	1.65	6.50
Kentucky Wonder. Green Pod	.30	.90	1.70	6.75
Lazy Wife's. Green Pod	.30	1.10	1.85	7.25
Scarlet Runner. Green Pod	.35	1.20	2.25	9.00

BEANS, LIMA—Pole Varieties

All hand picked	Qt.	4 Qts.	Peck	Bushel
Carpenteria Pole Lima (New)	$0.30	$1.00	$1.75	$7.00
Dreer's Improved	.25	.90	1.75	7.00
Extra Early Jersey	.30	1.00	1.75	7.00
Ford's Mammoth Podded	.30	1.00	1.75	7.00
King of the Garden	.25	.90	1.75	7.00
Michell's Evergreen	.40	1.50	2.50	10.00
Michell's Large Jersey (selected)	.30	1.00	1.75	7.00
Shotwell's Improved. Very early	.25	.90	1.75	7.00

See Bush Lima Bean prices top of next column.

BEANS, LIMA—Bush Varieties

All hand picked	Qt.	4 Qts.	Peck	Bushel
Burpee's	$0.30	$1.00	$1.75	$7.00
Burpee's (Improved)	.40	1.50	2.75	11.00
Fordhook	.45	1.60	3.00	12.00
Henderson's	.25	.90	1.75	7.00

BEET—Table Varieties

	¼ Lb.	Lb.	5 Lbs
Arlington Favorite Blood (Turnip)	$0.25	$0.80	$3.75
Bassano Extra Early (Turnip)	.25	.75	3.50
Bastian's Early Turnip	.20	.65	3.00
Bastian's Half Long	.25	.80	3.75
Crimson Globe. Very fine	.30	1.00	4.25
Crosby's Egyptian	.30	1.00	4.25
Detroit Dark Red	.25	.85	4.00
Eclipse Extra Early	.20	.70	3.25
Edmand's Blood	.25	.75	3.50
Lentz Turnip (True)	.20	.70	3.25
Swiss Chard (Giant Lucullus)	.25	.85	3.50

BEET—Cattle or Mangel Wurzel

	¼ Lb.	Lb.	5 Lbs.
Golden Tankard	$0.12	$0.40	$1.75
Imperial White Sugar	.12	.40	1.75
Lane's Improved White Sugar	.12	.40	1.75
Mammoth Long Red	.12	.40	1.75
Red Globe	.12	.40	1.75
Yellow Globe	.12	.40	1.75

	Oz.	¼ Lb.	Lb.
BRUSSELS SPROUTS. Matchless	$0.15	$0.40	$1.50

CABBAGE—Long Island Grown

	Oz.	¼ Lb.	Lb.
All Head Early	$0.20	$0.60	$2.00
All Seasons. Selected (Vandergaw)	.20	.60	2.00
Copenhagen Market	.20	.70	2.00
Danish Ball Head (Winter)	.20	.60	2.00
Early Drumhead	.15	.50	1.75
Early Flat Dutch	.15	.50	1.75
Early Jersey Wakefield	.20	.70	2.50
Early Jersey Wakefield (Private Strain)	.25	.85	3.00
Enkhuizen Glory	.20	.60	2.25
Henderson's Early Summer	.20	.60	2.25
Large Charleston Wakefield	.20	.70	2.50
Large Late Drumhead	.15	.50	1.75
Perfection Drumhead Savoy	.15	.50	1.75
Red Dutch Drumhead. Late	.15	.50	1.75
Selected Late Flat Dutch. Very choice strain	.15	.50	1.75
Volga. Late	.20	.60	2.00
Winnigstadt. Early	.15	.50	1.75

CARROT—Choice French Grown Seed

	Oz.	¼ Lb.	Lb.
Chantenay Half Long Scarlet	$0.10	$0.30	$1.00
Danver's Half Long Scarlet	.10	.30	1.00
Early Scarlet Horn	.10	.25	.90
Guerande or Oxheart	.10	.30	.90
Half Long Scarlet (point rooted)	.10	.25	.90
Long Orange Improved	.08	.25	.85
Long Red Surrey	.08	.25	.85
Rubicon Half Long (private stock)	.10	.30	1.00
St. Valery (point-rooted)	.10	.30	1.00
Very Early Scarlet Short Horn (for forcing)	.10	.30	1.00
White Belgian (for stock feeding)	.08	.20	.60

CAULIFLOWER

	¼ Oz.	Oz.	¼ Lb.
Algiers. Large late for outdoor	$0.15	$0.50	$1.75
Danish Giant (pkt. 15c.)	.75	2.50	9.00
Early Snowball (True). For forcing. pkt. 15c.	.60	2.00	6.50
Earliest Snow Storm. For forcing. (Trade pkt. 40c)	1.25	4.00	14.00
Half Early Paris. For outdoor use	.15	.50	1.50
Matador. Excellent for forcing	.50	1.50	4.50
Michell's Selected Erfurt (True). (pkt. 15c.)	.60	2.00	7.00
Veitch's Autumn Giant. For outdoor use	.10	.30	1.00

CELERY

	Oz.	¼ Lb.	Lb.
Celeriac (Giant Smooth Prague)	$0.20	$0.60	$2.25
Early Snowdrift, fine early white variety	.20	.60	2.00
Giant Pascal	.15	.40	1.35
Golden Self-Blanching (Vilmorin), French	1.40	5.50	
Golden Self-Blanching (American grown)	.40	1.50	5.00
New Columbia, medium height, but very solid and heavy; three stalks make a massive bunch; splendid variety	.30	1.00	3.00
New York. Splendid market-gardener's variety	.25	.75	2.75
Pink Plume	.20	.60	2.00
Improved Dwarf Golden Heart	.15	.40	1.35
Michell's Far Superior (original stock)	.15	.50	1.50
White Plume, best for early use	.20	.60	2.00
White Plume (Private Stock), extra fine	.25	.75	2.50
Winter Queen	.20	.60	2.00
Flavoring, not good for sowing		.08	.25

CORN, Sweet or Sugar—Connecticut Grown

	Qt.	4 Qts.	Peck	Bushel
Black Mexican	$0.20	$0.60	$1.10	$4.40
Country Gentleman	.20	.70	1.25	5.00
Crosby's Extra Early	.20	.60	1.10	4.00
Early Mammoth	.20	.70	1.10	4.40
Early Champion	.20	.60	1.10	4.40
Early Evergreen	.20	.70	1.15	4.50
Early Giant Wonder	.30	1.00	1.75	7.00
Eastwick	.25	.80	1.50	6.00
Golden Bantam	.20	.70	1.30	5.00
Golden Rod	.25	.90	1.60	6.25
Improved Ideal, a fine early sort	.20	.70	1.25	5.00
Kendel's Early Giant	.20	.70	1.15	4.50
Late Mammoth	.20	.60	1.00	4.00
Little Gem (Shoe Peg)	.20	.70	1.25	5.00
Metropolitan	.20	.60	1.10	4.40
Michell's Delicious	.30	1.10	2.00	8.00
Premo, extra early	.25	.70	1.30	5.20
Stabler's Extra Early	.20	.60	1.10	4.40
Stowell's Evergreen (Selected)	.20	.60	1.00	4.00

CORN—Field Varieties

	Qt.	Peck	Bushel
Chester Co. Mammoth	$0.10	$0.55	$2.00
Cloud's Early Yellow Dent	.10	.60	2.10
Early Yellow Canada or Flint	.10	.55	2.00
Golden Beauty Improved	.10	.55	2.00
Hickory King, White	.10	.55	2.00
Leaming Early Dent	.10	.55	2.00
100 Day Early Bristol	.10	.55	2.00
Red Cob Ensilage	.08	.45	1.75
Eureka Ensilage	.10	.55	2.00
Virginia Ensilage	.10	.50	1.75

		Oz.	¼ Lb.	Lb.
CHERVIL.	**Double Curled**	$0.10	$0.25	$0.75
CHICORY.	**Large Rooted**	.08	.20	.70
CORIANDER		.07	.20	.50
CORN SALAD.	**Large Seeded.** (5 lbs. $2.00)	.05	.15	.45

CHIVES. Strong Clumps. 75c. per doz., per 100, $5.00

CRESS

	Oz.	¼ Lb.	Lb.
True Erfurt (Water)	$0.25	$0.85	$3.00
Extra Curled or Pepper Grass (Garden)	.05	.15	.35

CUCUMBER. See top of next column.

DANDELION.	**Thick Leaved** (Improved)	.25	.90	3.50
DILL (5 lbs. $2.00)		.05	.15	.45

EGG PLANT—New Jersey Grown

	Oz.	¼ Lb.	Lb.
Black Beauty (New)	$0.30	$1.00	$3.75
Early Long Purple	.15	.50	1.80
Michell's New York Improved Purple	.25	.85	3.25

CUCUMBER

	Oz.	¼ Lb.	Lb.
Cool and Crisp	$0.08	$0.20	$0.75
Cumberland	.08	.20	.75
Davis' Perfect	.10	.25	.85
Emerald	.08	.20	.75
Evergreen	.08	.20	.75
Japanese Climbing	.10	.35	1.25
Jersey Pickle, or Green Prolific	.08	.20	.70
Lockie's Perfection. For forcing. 20c. per pkt.			
Long Green Turkey (Improved)	.08	.20	.75
Sion House. For forcing. 20c. per pkt.			
Small Gherkin or Burr	.10	.35	1.25
Telegraph. For forcing. 20c. per pkt.			
Tender and True. For forcing. 20c. per pkt.			
White-Spined (Arlington)	.10	.30	1.00
White-Spined (Improved)	.08	.20	.75

ENDIVE

Broad Leaved Batavian (Escarolle)	.10	.30	1.10
Giant Fringed	.15	.50	1.50
Improved Green Curled	.10	.30	1.00
White Curled, self-blanching	.10	.35	1.25
FENNEL	.07	.20	.65

KALE

Dwarf Green Curled German	.07	.20	.65
Dwarf Green Scotch	.07	.20	.70
New Imperial Long Standing (5 lbs. $3.00)	.07	.20	.70
Seakale (Pkt. 8c.)	.20		

KOHL RABI

Blue or Purple Vienna	.15	.50	1.50
Earliest White Erfurt, for frame sowing	.25	.65	2.25
Early White Vienna	.15	.50	1.50
LAVENDER	.15	.35	1.00

LEEK

Giant Carentan	.12	.35	1.25
Large Musselburgh	.12	.35	1.25
London Flag	.12	.35	1.25

LETTUCE

All Heart	.15	.50	1.50
All-Right, Spring and Autumn	.15	.50	1.75
Big Boston (Selected Stock)	.12	.35	1.00
Black Seeded Simpson (Loose Leaved)	.10	.30	1.00
Boston Market (White Seeded Tennisball)	.10	.30	1.00
Cabbage Head Giant	.15	.50	1.50
Big Boston (Davey's Improved)	.25	.90	3.00
Dutch Butter Spotted	.10	.30	1.00
Dutch Butter Spotted, Private Stock	.15	.40	1.50
Early Cabbage or White Butter	.10	.30	1.00
Early Curled Simpson (Loose leaved)	.10	.30	1.00
Emperor Forcing (Excellent)	.10	.35	1.25
Grand Rapids, Forcing	.10	.30	1.00
Hanson, Improved	.10	.30	1.00
Kingsholm Cos. or Romaine	.10	.30	1.00
Mammoth Salamander (True)	.12	.30	1.00
May King	.12	.30	1.00
Michell's "Number One," new, excellent for outdoor sowing or under sash	.15	.40	1.50
Sensation (for summer sowing)	.15	.35	1.25
Silesian, loose leaved	.10	.30	1.00
Summer Queen	.25	.75	2.50
Trianon Cos. (Celery Lettuce)	.10	.30	1.00
Unrivaled	.15	.35	1.25
Wayahead	.15	.35	1.25
Wonderful (forcing and summer use)	.15	.40	1.25

Musk Melon (or Cantaloupe)

	Oz.	¼ Lb.	Lb.
Blenheim Orange. For forcing. Pkt. 20c.			
Burrel Gem. New, very fine	$0.10	$0.25	$0.85
Defender. Salmon flesh	.08	.25	.85
Delicious. New, very fine. Pkt. 10c.	.40	1.00	3.75
Eden Gem. An improved Jenny Lind	.08	.25	.85
Emerald Gem	.10	.25	.85
Extra Early Hackensack	.07	.20	.70
Fordhook. Salmon flesh	.10	.30	1.00
Golden Jenny	.07	.20	.70
Henderson's Bush	.15	.50	1.75
Hoodoo. Orange flesh	.08	.25	.85
Invincible Scarlet. For forcing. Pkt. 20c.			
Jenny Lind (Improved)	.07	.20	.70
Rockyford (Improved, True)	.07	.20	.70
Sutton's A1. Original pkts. for forcing, 45c.			
Windsor Castle. For forcing. Pkt. 20c.			

Watermelon

	Oz.	¼ Lb.	Lb.
Black Boulder	$0.07	$0.20	$0.65
Cuban Queen	.07	.20	.60
Dark Icing	.07	.20	.60
Dixie	.07	.20	.60
Florida Favorite	.07	.20	.60
Halbert Honey	.07	.20	.65
Kleckley Sweets	.07	.20	.65
Light Icing	.07	.20	.60
Mountain Sweet	.07	.15	.50
Sweet Heart	.07	.20	.60
Tom Watson (*best for shipping*)	.10	.20	.75

Okra

Dwarf Green Improved	.07	.15	.40
Perkins' Long Pod Improved. Very Dwarf.	.07	.15	.45
White Velvet or Creole	.07	.15	.40

Onion Sets

Tree or Top Onion Sets. Ready now. 10c. per qt. Price for large quantities on application.
Yellow Strasburg at market prices. Ready in October.
White Silverskin at market prices. Ready in October.

Onion Seed

	Oz.	¼ Lb.	Lb.
Ailsa Craig. Yellow	$0.20	$0.65	$2.00
Bermuda, Red	.20	.60	2.25
Bermuda, White	.20	.60	2.25
Large Red Wethersfield	.15	.35	1.10
Prize Taker, Yellow (5 lbs. $7.00)	.15	.45	1.50
Southport White Globe	.20	.70	2.50
Southport Yellow Globe	.12	.40	1.40
White Barletta	.15	.50	1.50
White, Silver Skin (5 lbs. $8.00)	.20	.50	1.75
Yellow Globe Danvers (5 lbs. $6.25)	.12	.40	1.30
Yellow Strasburg (5 lbs. $5.00)	.10	.30	1.10

Parsley

Champion Moss Curled. Very fine	.08	.20	.75
Double Curled Covent Garden (5 lbs. $3.25)	.10	.20	.75
Hamburg or Rooted	.10	.25	.75
Summer Green	.10	.25	.90

Parsnip

Improved Sugar or Hollow Crown (5 lbs. $2.25)	.08	.15	.50

MICHELL'S SUPERIOR MUSHROOM SPAWN

NEW LOT NOW READY

Brandywine Pure Culture Spawn

This type produces heavy, short-stemmed mushrooms of uniform size. The bricks are inoculated with Pure Spawn culture in the same manner as the "Lambert" strain. While this brand is comparatively new, it bids fair to become very popular in a short while; the bricks are larger than other brands.

1 Brick	$0.25
5 Bricks	1.15
12 Bricks	2.15
25 Bricks	4.00
50 Bricks	7.50
100 Bricks	15.00
1000 Bricks	150.00

Lambert's Pure Culture Spawn

This type produces larger mushrooms than the English, coming into bearing somewhat earlier, and continuing for a longer time.

Direct No. 8 Cream White. For use from April to October.
Direct No. 9 Pure White Type. For use from October to April.

Prices of Direct Bricks. (Either No. 8 or No. 9.)

Per brick	$0.25	50 Bricks	$7.50
5 Bricks	1.15	100 Bricks	14.00
12 Bricks	2.15	1000 Bricks	135.00
25 Bricks	4.00		

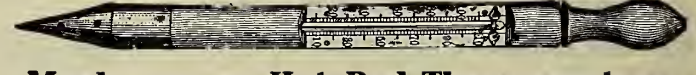
Standard No. 8 Cream White. For use from April to October.
Standard No. 9 Pure White. For use from October to April.

Prices of Standard Bricks. (Either No. 8 or No. 9.)

Per brick, about 1½ lbs.	$0.20	50 Bricks	$6.00
5 Bricks	.90	100 Bricks	11.00
12 Bricks	1.80	1000 Bricks	105.00
25 Bricks	3.25		

Michell's English Mushroom Spawn

15c. per brick; per doz., $1.40; 25 lbs., $1.60; $6.00 per 100 lbs.; per 1000 lbs., $55.00.



Mushroom or Hot Bed Thermometers

Heavy Iron Point style..$0.90 | Heavy Brass Point style..$1.35
Thermometers should, wherever possible, be sent by express.

Books on Growing Mushrooms

Falconer's Book (postpaid) $1.00
Pamphlet (gratis for a postal card asking for it).
Robinson's Book (postpaid) ..... .50

PEAS

	Qt.	4 Qts.	Peck	Bushel
Alaska. Extra early	$0.25	$0.90	$1.60	$6.25
Ameer. Very early	.30	1.00	1.75	7.00
American Wonder (Extra Early)	.30	1.10	1.75	7.00
Bliss, Abundance (Medium Early)	.25	.85	1.60	6.25
Bountiful	.30	1.00	1.75	7.00
Champion of England (Late)	.25	.90	1.60	6.25
Daisy or Dwarf Telephone (Medium)	.30	1.00	1.75	7.00
Dandy (Extra Early), Michell's	.30	1.10	1.75	7.00
Dwarf Champion (Late)	.30	1.00	1.75	6.75
Dwarf Sugar (Edible Pod)	.30	1.10	2.00	8.00
Early June	.25	.90	1.60	6.25
Early Morn. One of the earliest	.30	1.10	2.00	8.00
Eureka (Extra Early, True)	.25	.90	1.60	6.25
Fillbasket (Late). True Stock	.25	.90	1.75	7.00
Gradus or Prosperity (Extra Early)	.35	1.20	2.00	8.00
Harvester (Early)	.40	1.50	2.75	10.00
Heroine (Medium Early)	.25	.90	1.60	6.40
Laxtonian (Early)	.30	1.10	2.10	8.25
Little Marvel	.35	1.10	2.00	8.00
Long Island Mammoth (Medium)	.25	.85	1.60	6.00
Melting Sugar (Tall)	.35	1.25	2.25	9.00
Michell's Special Extra Early	.35	1.20	2.00	8.00
McLean's Little Gem (Extra Early)	.25	.90	1.60	6.75
Nott's Excelsior (Extra Early)	.30	1.00	1.75	7.00
Potlatch (Medium Early)	.30	1.00	1.75	7.00
Quite Content (Medium Early)	.35	1.20	2.25	9.00
Stratagem (Improved Late)	.30	1.10	1.85	7.25
Sutton's Excelsior	.30	1.10	2.00	7.75
Telephone (Late)	.25	.90	1.75	6.75
Thos. Laxton (Very Early)	.40	1.35	2.25	9.00
White Marrowfat (Late)	.20	.75	1.35	5.00

PUMPKIN

	Oz.	¼ Lb.	Lb.
Golden Cashaw or Crookneck	$0.07	$0.20	$0.65
Large Cheese	.07	.20	.60
Large Conn. Field	.04	.10	.35
Large Tours or Mammoth	.08	.25	.80
Tennessee Sweet Potato	.07	.20	.70
Winter Luxury	.08	.20	.70
Japanese Pie	.07	.20	.70

PEPPER

	Oz.	¼ Lb.	Lb.
Bull Nose or Sweet Bell	$0.20	$0.60	$2.00
Cayenne (Long Red)	.15	.50	1.75
Celestial	.20	.60	2.00
Chinese Giant	.30	1.00	3.75
Golden Dawn (Large Yellow)	.20	.60	2.00
Hot Bull Nose	.20	.65	2.25
Large Sweet Spanish	.20	.60	2.00
Neapolitan	.15	.50	1.75
New Apple. 8c. per pkt. (2 pkts. 15c.)			
Red Cherry	.20	.60	2.00
Ruby Giant (*New*)	.25	.75	2.75
Ruby King	.20	.60	2.00
Small Chili	.20	.60	2.00

RADISH

	Oz.	¼ Lb.	Lb.
Beckert's Chartier (Long Scarlet)	$0.07	$0.20	$0.60
Black (½ Long Winter)	.07	.20	.60
Black Spanish (Long Winter)	.07	.15	.45
Black Spanish (Round Winter)	.07	.15	.45
Brightest Scarlet (½ Long)	.07	.15	.50
California White Winter	.07	.20	.60
Cardinal Globe	.07	.20	.65
" " (*Improved Strain*)	.10	.30	1.00
Celestial or White Chinese (Winter)	.07	.15	.55
China Rose Winter (Half-long)	.07	.20	.60
Crimson Giant (New)	.07	.20	.60
Fireball	.07	.20	.60
French Breakfast	.07	.20	.60
Golden Olive Shaped (Yellow)	.07	.15	.50
Icicle (Long, Pure White)	.07	.20	.60
Large White Summer (Turnip-Shaped)	.07	.15	.45
Long Scarlet Short Top	.07	.15	.50
Long White Lady Finger	.07	.15	.50
Round Red Turnip (Early)	.07	.20	.60
Round White Turnip (Early)	.07	.20	.60
White Box (Felton's Private Stock)	.07	.20	.60
White Box (Philadelphia grown)	.07	.15	.50
White Strassburg (½ Long)	.07	.15	.50

RHUBARB

	Oz.	¼ Lb.	Lb.
Linnaeus	$0.10	$0.30	$1.00
Victoria	.10	.30	1.00

RHUBARB ROOTS (*Ready in October*)

	Doz.	100	1000
Forcing Size	$1.50	$10.00	$90.00
Large Size	.50	3.50	32.50

SALSIFY

	Oz.	¼ Lb.	Lb.
Long White	$0.07	$0.25	$0.90
Mammoth Sandwich Island	.10	.30	1.10
SORREL. French Broad Leaved	.12	.30	1.00

SPINACH

	¼ Lb.	Lb.	Pk.	Bushel of 40 lbs.
Bloomsdale Savoy	$0.08	$0.20	$1.25	$5.00
Garden Giant (New)	.08	.20	1.50	
Long Season (New)	.10	.25	1.50	5.50
New Zealand (7c. per oz.)	.20	.60	(10 lbs.	$5.00)
Victoria (Long Standing)	.08	.20	1.25	5.00

SQUASH

	Oz.	¼ Lb.	Lb.
Boston Marrow	$0.07	$0.20	$0.60
Early White Bush (Mammoth)	.07	.20	.60
Golden Custard	.07	.20	.60
Delicious	.07	.25	.85
Golden Hubbard	.07	.25	.65
Vegetable Marrow	.07	.20	.70
Yellow Summer Crook Neck	.07	.15	.55
SAGE	.10	.30	1.00
SAVORY (Summer)	.15	.50	1.75
SWEET BASIL	.12	.35	1.25
SWEET MARJORAM (Imported)	.10	.35	1.25
" " (American)	.30	1.10	4.00
SWISS CHARD Giant Lucullus	.10	.25	.85
THYME. (Broad leaved)	.20	.60	2.25

TOMATO

	Oz.	¼ Lb.	Lb.
Beauty	$0.15	$0.50	$1.75
Best of All (Forcing)	.35	1.25	
Bonny Best, a Prolific Early Sort	.20	.60	2.25
Comet (For Forcing). Pkt. 10c.	.25	.85	3.00
Dwarf Champion	.20	.60	2.00
Dwarf Giant	.25	.85	3.00
Dwarf Stone	.20	.65	2.50
Earliana, Sparks'	.20	.60	2.25
Early Jewel, Chalks'	.20	.65	2.25
Eclipse—Sutton's Original. Pkt. 45c.			
Extra Early "Crackerjack." Pkt. 7c.	.30	1.00	3.75
Fillbasket (Balch's). For forcing. Original pkts., each 45c.			
Frogmore (Forcing)	.25	.85	3.25
Greater Baltimore	.25	.75	2.75
June Pink	.20	.60	2.25
Livingston's Globe	.20	.60	2.25
Matchless	.20	.60	2.00
Michell's Improved Globe	.30	1.00	3.75
Ponderosa	.25	.90	3.25
Red Cherry	.20	.60	2.00
Red Peach	.20	.60	2.25
Red Rock	.25	.75	2.75
Stirling Castle (Forcing)	.30	1.00	3.50
Stone	.20	.50	1.75
Stone (Michell's Private Strain)	.25	.75	2.50
Yellow Golden Queen. Large, round, yellow	.20	.70	2.25
Yellow Pear. (Our own growing)	.20	.60	2.00

TURNIP AND RUTA BAGA

	Oz.	¼ Lb.	Lb.
Cow Horn	$0.07	$0.15	.0.40
Early Red or Purple Top. Strap Leaved Flat	.05	.15	.45
Extra Early Munich. Purple Top	.07	.15	.45
Golden Ball (Robertson's)	.05	.15	.40
Purple Top Globe (Private Stock)	.10	.20	.70
Purple Top White Globe (5 lbs. $2.00)	.07	.15	.45
Ruta Baga. Yellow, Purple Top	.05	.15	.40
Ruta Baga. Private Stock, Globe Shaped	.10	.20	.75
Snow Ball. Extra Early, White	.07	.15	.45
White Flat Dutch, Strap Leaved	.05	.15	.40
White Egg	.05	.15	.45
White Milan. Extra Early	.07	.20	.70
Yellow Aberdeen. Flat	.05	.15	.40
Yellow Globe or Amber	.05	.15	.40

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The above is a view on the new golf course of the Merion Cricket Club, Ardmore, Pa. Michell's Grass Seeds were sown very extensively there (by the ton)

MICHELL'S RECLEANED GRASS SEEDS

September and October are ideal months for sowing Grass Seeds

Mixtures for Lawns

Michell's Top Notch. 25 lbs. per bushel. The finest Lawn Mixture in existence. Carefully compounded after a special formula, and will give the very best of results in 3 to 4 weeks' time. It is not put up or sold in less quantity than one peck. Prices: $1.75 per peck, $6.25 per bushel of 25 lbs., 2 bushels $12.00, $28.75 per 5 bushels, 10 bushels $55.00.

Michell's Green Velvet. 20 lbs. per bushel. A splendid short, thick-growing Lawn Grass that produces a perfect lawn in 4 to 5 weeks' time. Sow 4 bushels per acre. Prices: 20c. per qt., 4 qts. 60c., $1.00 per peck, per bushel $4.00, $19.00 per 5 bushels, 10 bushels $36.00.

Michell's Evergreen. 20 lbs. per bushel. The standard Lawn Mixture in the U. S. for the past twenty-five years. Always satisfactory. Sow 4 bushels per acre. Prices: 20c. per qt., 4 qts. 50c., 85c. per peck, bushel (20 lbs.) $3.25, $15.75 per 5 bushels, 10 bushels $30.00.

Michell's Shaded Lawn Grass. Will produce perfect swards in the most densely shaded places. Prices: 20c. per qt., 60c. per 4 qts., peck $1.00, $4.00 per bushel (20 lbs.), 5 bushels $19.00, $36.00 per 10 bushels.

Fairmount Park Lawn Seed. Sow 4 bushels to the acre. Prices: Per qt. 10c., 35c. for 4 qts., 60c. per pk., per bushel of 15 lbs. $2.00, $9.75 for 5 bush., 10 bush. $18.00.

Michell's Seashore Formula Grass Seed. Contains such grasses as thrive in salt air regions. Sow 4 bushels to the acre. Prices: Per qt. 20c., 60c. for 4 qts., $1.00 per pk., per bush. of 20 lbs. $4.00, $19.00 for 5 bush., $36.00 for 10 bush.

Michell's Terrace or Embankment Grass Seed. Sow 4 bushels per acre. Prices: Per qt. 20c., 60c. for 4 qts., $1.00 per pk., per bush. of 20 lbs. $4.00, 5 bush. $19.00, $36.00 for 10 bush.

Southern States Lawn Grass Seed. Made up especially for dry, hot localities, especially suited to the Southern States. 15 lbs. per bushel. Prices: 10c. per qt., 35c. for 4 qts., pk. 70c., $2.75 per bush., 5 bush. $13.00.

Mixtures for Lawns—*Continued*

Special Sod Grass Seed. Producing a heavy sod in a short time. 15 lbs. per bushel. Prices: 20c. per qt., 60c. for 4 qts., pk. 85c., $3.00 per bush., 5 bush. $14.00, $27.00 for 10 bush.

Woodlands Lawn Mixture. (20 lbs. per bu.) For sowing in dense shade among trees, in woods, etc. 85c. peck, bushel $3.25; $15.75 for 5 bushels.

Mixtures for Pleasure Grounds

Michell's Fair Greens Mixture (Golf Course)

Composed of short-growing, deep-rooted varieties, resisting plenty of wear. Golf courses, to retain their permanency, should receive additional sowings during the season. Sow 6 bushels per acre.

Prices: Qt. 20c., 60c. for 4 qts.; 1 pk. 90c., 1 bu. (20 lbs.) $3.50, 5 bu. $17.00.

Michell's Putting Greens Mixture

A quick-growing mixture of short, thin-bladed grasses, over which the ball can roll without resistance. We do not recommend less than 1 bushel of 25 lbs. to a green 75 foot square.

Prices: 1 qt. 20c., 4 qts. 60c., 1 peck $1.25, 1 bush. (20 lbs.) $5.00, 5 bush. $22.50, 10 bush. $42.50.

Teeing Grounds Mixture. Used on golf courses or in places where a tough, resisting turf is wanted (20 lbs. per bu.). 20c. qt., 4 qts. 50c., 85c. pk., bu. $3.25, $15.75 per 5 bu.

Lawn Tennis Grass Seed. Tennis courts need grasses of a hardy nature, of fine leaf and close, compact growth. Our mixture will be found particularly adapted for the purpose (20 lbs. per bushel). 1 qt. 20c., 50c. for 4 qts., peck 85c., $3.25 bu., 5 bu. $15.75.

White Clover

Choice recleaned for sowing on lawns, pastures, etc. Sow 10 to 12 lbs. per acre (60 lbs. per bu.). 50c. lb., 5 lbs. $2.50, $4.75 for 10 lbs., bu. (60 lbs.) $27.00, $45.00 per 100 lbs.

Grounds of the new Masonic Homes, Elizabethtown, Pa. (showing Grand Lodge Hall), sown exclusively with Michell's Grass Seeds. The Committee having in charge the installation of the buildings and the arrangement of the grounds, after exhaustive inquiry and reports on purity and germination tests of Grass Seeds, awarded us the entire contract for supplying Grass Seeds to sow their immense tract of lawn.

MICHELL'S RECLEANED GRASS SEEDS

September and October are ideal months to sow Grass Seeds

Michell's Permanent Pasture Grass Seed. In the past few years ideas of what was the best way to establish a permanent grazing sod have undergone many changes. The old prevalent method of sowing timothy and clover has been found not only costly, but too short-lived to answer the purpose. The old custom has given way to the new, which is the sowing of a mixture of permanent grasses. Michell's Permanent Pasture Grass Seed is composed of about 10 of the best growing and most nutritious grasses and clovers for stock feeding or grazing. One sowing will last many years, although we advise additional sowings each autumn, just previous to which a light harrowing is recommended to give the grass a quick hold. Sow 3 to 4 bushels per acre on new lands or 2 bushels on established pastures (15 lbs. per bushel). Prices: Per qt., 15c.; 4 qts., 40c.; peck, 60c.; bush. (15 lbs.), $2.25; 5 bush., $11.00; 10 bush., $21.00.

Michell's Permanent Hayfield Grass Seed. While timothy is still extensively sown for this purpose, this mixture is gradually being adopted by the progressive farmer. Its main advantages are that certain grasses in the mixture will grow better in varying conditions of soil, thus giving a full crop of hay on land that otherwise might produce but a half crop of timothy and clover. Our formula is the outcome of thorough trials in every kind of soil. Sow 3 to 4 bushels per acre on new lands, or 2 bushels on established fields (15 lbs. per bushel). Prices: Per qt., 15c.; 4 qts., 40c.; peck, 60c.; bush. (15 lbs.), $2.25; 5 bush., $11.00; 10 bush., $21.00.

Michell's Poultry Yard Grass Seed. Chickens love grass and should be placed where they can get it as much as possible. We put plenty of clover seed in this mixture, as it is very nutritious, and the fowls relish it. (15 lbs. per bu.) **15c. qt.,** 4 qts. 40c., 60c. per pk.; bu. $2.25, $10.75 for 10 bu.

GRASSES IN SEPARATE VARIETIES

ALL STRICTLY RECLEANED AND CAREFULLY TESTED FOR PURITY AND GERMINATION

Prices Subject to Market Changes

We handle the best recleaned grass seeds in separate varieties. Some persons like to do their own mixing or prefer to sow only one kind of grass; **we make no charge for mixing.**

Lbs. per bush.		Lb.	Bush.	100 lbs.
35	**Bermuda Grass**	$0.60		
14	**Blue Grass** (Kentucky). Extra Fancy 3 to 5 bu. per acre (60c. per peck)	.20	$2.25	$13.00
14	**Blue Grass** (Canadian). 3 to 5 bu. per acre	.15	1.65	10.00
20	**Creeping Bent.** 4 bu. per acre	.45	8.50	40.00
21	**Crested Dogstail.** 3½ to 4 bu. per acre	.35	5.75	24.00
24	**English Rye** (Pacey's Fancy Short Seeded), fine for lawns. 3 bu. per acre	.12	2.25	8.50
14	**Fine Leaved Fescue**	.40	5.00	33.00
10	**Herd or Red Top.** Unhulled. 4 to 5 bu. per acre	.18	1.50	12.50
12	**Hard Fescue.** 30 lbs. per acre	.25	2.50	17.50
18	**Italian Rye.** 50 lbs. per acre	$0.12	$1.75	$8.00
22	**Meadow Fescue.** English Blue Grass	.15	3.00	13.00
12	**Orchard.** 40 lbs. per acre	.25	2.50	20.00
14	**Red or Creeping Fescue**	.25	3.25	22.00
32	**Red Top.** Recleaned	.40	12.00	37.00
14	**Rhode Island Bent.** 40 lbs. per acre	.45	6.00	40.00
12	**Sheep's Fescue.** 40 lbs. per acre	.25	2.75	20.00
	Sudan Grass	.50		
	Sweet Vernal (Perennial). (5 lbs., $2.25) 3 lbs. per acre with other grass	.50		40.00
	Sweet Vernal (Annual). (5 lbs. 80c.) 3 lbs. per acre with other grass	.20		15.00
10	**Tall Meadow Oat** (French Rye Grass)	.25	2.25	20.00
45	**Timothy Seed.** ½ bu. per acre alone	.15		
15	**Various Leaved Fescue**	.30	4.00	25.00
14	**Wood Meadow.** 30 lbs. per acre	.45	5.50	35.00

NOTE.—Prices on separate varieties of grasses subject to market changes. (hc)

ALFALFA

The most valuable forage crop on the American farm to-day, and can be truly termed a mortgage lifter. It is sown during May, August and September, these being the best months for success, although it can be sown at other times with a possible chance of doing well. Careful preparation of the soil previous to sowing is the main thing. Our special Circular on Alfalfa goes into this carefully and is free for the asking. Sow not less than ½ bushel (30 lbs.) per acre preferably with no other crop. *Our seed is always over 99% pure,* and will invariably give the best of results. Price per lb., 25c. Write for price on larger quantities, as it changes constantly. *Be sure to inoculate your Alfalfa with Farmogerm.* Ask for descriptive circular on same.

MICHELL'S RECLEANED CLOVERS

(60 lbs. per bushel.)

Alsike or Swedish Clover. One of the best for mixing with Timothy. Perfectly hardy. Sow 10 to 15 lbs. per acre alone or 8 lbs. with Timothy. 25c. per lb.

Bokhara or Sweet Clover (*Melilotus Alba*). Extensively used as a bee food and for soiling (green manure). It grows from 3 to 5 feet high. Sow 15 lbs. per acre, if alone, or 10 lbs. per acre with other crops. 40c. lb.

Crimson Clover (*Trifolium Incarnatum*). Delaware-grown seed. Used principally for soiling or green manuring, for which purposes it is highly valuable. Sow any time from April to October, at the rate of 20 lbs. to the acre. If desired for feed, cut it just before it flowers; not hardy for more than one season, and must be sown each year. 15c. per lb.

Red Clover (Medium). The standard Hay-crop. Sow 20 lbs. per acre, if alone, or 15 lbs. with other crops. 25c. per lb.

Mammoth Red Clover (Pea Vine Clover). Similar to above but grows somewhat larger and remains established longer. 15 lbs. per acre, if sown alone, or 10 lbs. with other crops. 25c. per lb.

White Dutch or Lawn Clover. Principally used for lawn and pasture mixtures. 50c. lb., 10 lbs. $4.75, $45.00 per 100 lbs.

Prices on larger quantities than noted here will be quoted on application.

SEED WHEAT

The majority of our Seed Wheat is grown in the famous farming section of Lancaster Co. by experienced wheat growers. The ground at the time of sowing is carefully prepared and fertilized. This results in large crops of both straw and grain. Anyone who wants fine results in Seed Wheat will make no mistake to plant our stock seed.

Miracle. This valuable Wheat produces a magnificent, heavy growth of straw, which is very stiff and erect. The head is bearded and contains well-shaped wheat berries of a semi-hard red nature of excellent milling qualities. **It is a tremendous stooler, one grain** producing as many as **25 stalks with often 45 grains to the head** or stalk. This wheat should produce an enormous crop, its usual rating being anywhere from 40 to 50 bushels per acre under average conditions. The introducer impresses upon us very forcibly **not to recommend the sowing of more than one-half bushel per acre,** as if seeded heavier it is liable to choke itself, on account of its free-stooling habit. It is early to mature, and produces straw often 5 feet high.

Fultzo-Mediterranean (*Bald*). A cross between the old bald "Fultz" and the bearded "Red Mediterranean." It is extremely hardy, doing well anywhere. Not uncommon for it to produce repeatedly 40 bushels. The grain is red, round and hard, while the chaff is white and it ripens early.

Four Rowed Fultz (*Bald*). The grain on the heads on this variety is arranged in spikelets, four grains in the row. The grain is hard, of medium size, red and very plump. The straw is stiff and of medium length, ripening early. It is adapted to a variety of soils, and frequently yields 50 bushels per acre.

Red Wave (*Bald*). One of the best wheats in existence. A heavy producer, doing well in all soils. The grain is large, dark red and very hard, of extra good milling qualities. Long stiff straw, ripening in mid-season.

Silver Sheaf Longberry Red (*Bearded*). One of the best bearded varieties. Our grower says about this variety, it is long in everything, namely in straw, length of heads, berry and yield. It is one of the best sorts for late sowing.

Lancaster Fulcaster (*Bearded*). An early ripener, producing large, hard, plump red grains, and long stiff straw. One of the very best wheats for the farmer who believes in liberal fertilizing and intense cultivation.

Prices on Seed Wheat will be quoted on application.

WINTER RYE

Penna. Large White. Sow 1 to 1½ bushels per acre during fall. An excellent green food in spring, and may be used for turning under or harvesting. Price on application.

DWARF ESSEX RAPE

For pasturing sheep and hogs. Sow 6 lbs. per acre broadcast. 15c. per lb. Larger quantity price on application.

RECLEANED TIMOTHY

Our stock is of very best quality; for sowing among wheat as a second-year hay crop or for sowing alone for a first-year hay crop this is extensively used. Sow ½ bu. per acre alone or 6 to 8 qts. with wheat. 15c. lb. Write for price on larger quantity.

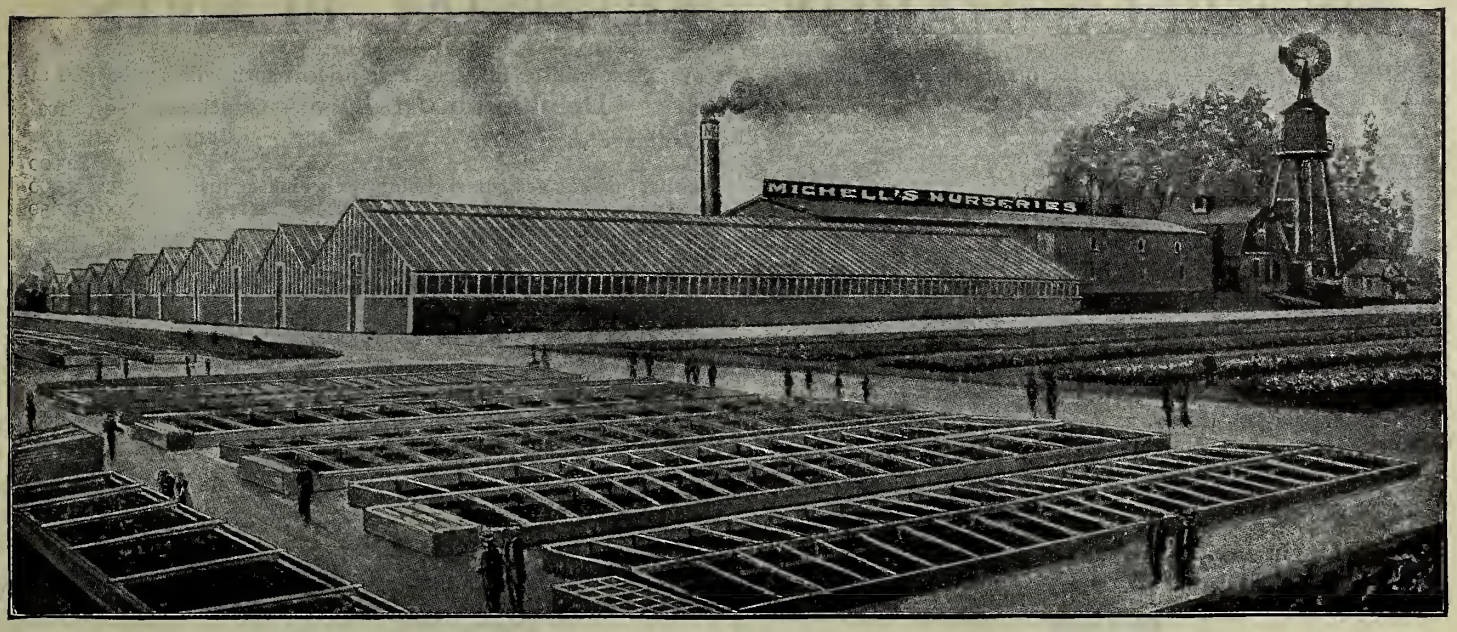
WINTER VETCH (*Vicia Villosa*)

True Sand or Hairy Vetch. Our stock of this is the true type, which will absolutely live throughout the winter. There is also an English strain on the market which is not hardy in the Northern sections of the U. S., and buyers should beware when buying that they procure the right article, which is a small round black seed; this is far superior to Crimson Clover, for planting on extreme exposures, as it never winter-kills. Sow from August 1st to October 1st, broadcast, 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed in as green manure, or when in flower cut for hay. All stock relish it keenly. 25c. lb. Price for larger quantity on application.

FARMOGERM (Nitrogen Bacteria)

Those desiring maximum crops should inoculate their clovers before sowing with Farmogerm, particularly Alfalfa. It is easily applied, and will return its cost many times. Clovers inoculated with Farmogerm are capable of gathering as high as the equivalent of one ton of nitrates per acre from the air. Descriptive circular free. Price of Farmogerm: ¼-acre bottles, 50c.; $2.00 1-acre bottle; 5-acre bottle, $6.00.

In ordering Farm Seeds always allow 22c. for every two-bushel Seamless Bag used. These are returnable for credit or refund at the price charged.



Partial View of Greenhouses and Frame Yard—Michell's Plant Establishment, Andalusia, Pa.

MICHELL'S HARDY PERENNIAL PLANTS

Every florist who has ground around his establishment should plant some varieties of Perennials, those kinds which furnish bloom in summer for design and bouquet work. It pays handsomely.

SPECIAL NOTE.—No order for plants that does not aggregate over $1.00 will be filled at these prices; such will be charged at retail prices less 10%.

It is not at all surprising that these grand old-fashioned garden flowers are to-day enjoying the greatest popularity, because there is not a time during the spring, summer and autumn in which some hardy perennial is not in bloom. During the past season we added considerably to our list of varieties, and omitted some, which were superseded by better sorts. The soil in our nurseries is especially adapted for producing this class of stock. Give us a trial order in this line, and we feel sure that you will be pleased.

	Doz.	100
Achillea (Sneezewort)		
Boule de Neige (*Snowball*). Pure white; 2½ feet	$0.85	$6.00
Cerise Queen. Rich amaranth; inches	.85	6.00
Ptarmica Fl. Pl. (*"The Pearl"*). Pure white; 2 feet	.85	6.00
Aconitum (Monk's Hood)		
Autumnale. Deep purplish blue; 3 feet	1.50	10.00
Fischeri. Pale blue flowers; 18 inches high	1.50	10.00
Napellus. Large, dark blue flowers; 3 to 4 feet	1.50	10.00
" **Alba.** White; 3 to 4 feet	1.50	10.00
" **Bicolor.** Blue and white flowers; 3 to 4 ft	1.50	10.00
Wilsoni. Large light violet blue; 5 to 6 feet	1.75	12.50
Aegopodium (Bishop's Weed)		
Podagraria Variegata. Variegated foliage	1.00	7.00
Aetheopappus (New)		
Pulcherrimus. Brilliant rose flowers; 2 to 2½ feet.	1.50	10.00
Agrostemma (Rose Campion)		
Coronaria (*Mullein Pink*). Crimson; 2½ to 3 feet.	.85	6.00
Alyssum (Madwort)		
Rostratum. Bright golden yellow; 1 foot high	1.00	7.00
Saxatile Compactum. Rich yellow; 1 foot high	.85	6.00
Adenophora		
Potanini. Bell-shaped light blue flowers; 2 to 2½ feet	1.00	7.00
Anchusa (Sea Bugloss)		
Italica Dropmore. Bright blue; 4 feet	1.50	10.00
Myosotidaeflora (*New*). Rich blue; 12 inches high	1.75	12.50
Opal. Large pale blue flowers; 3 feet high	1.50	10.00
Anemone Japonica (Windflower)	Doz.	100
Alba. Large, pure white; 3 to 4 feet	$0.85	$6.00
Coupe d'argent. (*New.*) Large pure white; semi-double. A lovely free-flowering variety; 3 to 4 feet.	1.75	12.50
Kriemhielde. Semi-double rose pink; 3 feet	1.00	7.00
Prince Henry. Very double, deep rich pink; 3 feet.	.85	6.00
Rubra. Beautiful rosy red; 3 feet	.85	6.00
Whirlwind. Semi-double, pure white; 3 feet	.85	6.00
Lord Ardilaun. Large, pure white; 3 to 3½ feet	1.35	9.00
Queen Charlotte. Semi-double, lovely pink; 3 feet.	.85	6.00
Anthemis (Marguerite)		
Tinctoria. Large, daisy-like golden yellow flowers, all summer; 15 inches	.85	6.00
Aquilegia (Columbine)		
Canadensis. Red and yellow	1.00	7.00
Chrysantha. Yellow	1.00	7.00
Erskine Park Hybrids. Mixed	1.00	7.00
Glandulosa Vera. Blue and white; dwarf	1.00	7.00
Haylodgensis. Satiny Rose	1.50	10.00
Nivea Grandiflora. Pure white; long spurred	1.00	7.00
Rose Queen. Delicate pink	1.00	7.00
Arabis (Rock Cress)		
Alpina. Pure white, fine for edging; 6 inches	.85	6.00
Alpina Flore Pleno. Double white, 6 inches	1.00	7.00
Artemisia		
Abrotanum (*Old Man*)	.85	6.00
Lactiflora. Creamy white; 3 to 4 feet	1.35	9.00
Pedemontana. Silvery foliage	.85	6.00
Stellariana (*Old Woman*)	.85	6.00
Asclepias (Butterfly Weed)		
Incarnata (*Swamp Milkweed*). Rose pink; 2½ feet	.90	6.00
Tuberosa. Large orange-colored flowers; 2 feet	.90	6.00
Asters (Hardy)		
Abendröte (*Evening Glow*). Rosy red; 2½ feet	1.50	10.00
Amellus (Perry's Pink). Rose, early; 18 inches	1.50	10.00
Beauty of Colwall. Semi-double; bright blue; 4 ft.	1.50	10.00

MICHELL'S HARDY PERENNIAL PLANTS

SPECIAL NOTE.—No order for plants that does not aggregate over $1.00 will be filled at these prices; such will be charged at retail prices less 10%.

	Doz.	100
Asters (Hardy)—Continued		
Climax. (*New.*) Quite distinct, pyramidal shaped; lavender-blue; 5 feet	$2.50	$20.00
Cordifolius Photograph. (*New.*) White, shaded lavender	2.00	15.00
Feltham Blue. Sky blue; 2½ feet	1.50	10.00
Grandiflorus. (Very scarce.) Violet	2.00	15.00
Ptarmacoides Major. Pure white; 5 feet	1.00	7.00
Robert Parker. Lavender with yellow centre; 5 ft.	1.00	7.00
St. Egwin. Beautiful clear pink; 3 feet	1.50	10.00
Subcoeruleus. Deep blue flowers; 2 feet	1.00	7.00
Aubrietia (Wall Cress)		
Bougainvillei. Very showy, purple; 6 inches	1.00	7.00
Graeca. Deep purple	1.00	7.00
Baptisia (False Indigo)		
Australis. Dark blue; 2 to 2½ feet high	1.00	7.00
Boltonia (False Chamomile)		
Asteroides. Pure white; 5 to 6 feet	.85	6.00
Latisquama. Pink, tinted lavender; 6 feet	.85	6.00
Latisquama Nana. A dwarf type of the above; 2 ft.	.85	6.00
Buddleia		
Asiatica. This variety is not a perennial above the Carolinas. Pure white; one of the finest greenhouse shrubs with fragrant blossoms; 4-inch pots	2.00	14.00
Calimeris (Starwort)		
Incisa. Daisy-like, pale blue flowers; 12 to 18 inches	1.00	7.00
Callirhoe (Poppy Mallow)		
Involucrata. Crimson, with white centre; trailing	1.00	7.00
Campanula (Bell Flower)		
Alliariaefolia. Pure white; 3 feet	1.00	7.00
Carpatica Coerulea. Clear blue; 8 inches	1.00	7.00
Carpatica Alba. Pure white; 8 inches	1.00	7.00
Moerheimi. Large flowers of purest white; 3 to 4 ft.	1.50	10.00
Persicifolia Grand. Coerulea (*Peach Bells*). Light blue; 2 feet	1.25	8.00
Persicifolia Grand. Alba (*Peach Bells*). White; 2 ft.	1.25	8.00
Pyramidalis Alba. Pure white; 4 to 6 feet	1.00	7.00
Pyramidalis Coerulea. Bright blue; 4 to 6 feet	1.00	7.00
Trachelium (*Coventry Bells*). Purple; 3 feet	1.00	7.00
Cassia (American Senna)		
Marilandica. Bright yellow; 3 to 4 feet	.85	6.00
Catananche (Everlasting Flowers)		
Bicolor. Blue and white; 2 feet	.85	6.00
Coerulea. Bright blue; 2 feet	.85	6.00
Centaurea (Perennial Cornflower)		
Dealbata. Bright rose; 18 inches	1.25	8.00
Macrocephala. Yellow; 3½ feet	1.25	8.00
Montana. Rich violet blue; 2 feet	1.25	8.00
Montana Alba. Pure white; 2 feet	1.25	8.00
Cedronella		
Cana. Pale purple; 2½ feet	1.00	7.00
Chamaepeuce (Blessed Thistle)		
Diacantha. Thistle-like, crimson flowers; 2½ feet	1.00	7.00
Cephalaria (Roundheads)		
Alpina. Sulphur yellow. 5 to 6 feet	1.50	10.00
Chrysanthemum (Daisy)		
Arcticum (*Arctic Daisy*). Large, pure white flowers.	1.50	10.00
Maximum Vermorense. Pure white	1.50	10.00
Cimicifuga (Snakeroot)		
Simplex. Pure white flowers; 2½ to 3 feet	2.50	20.00
Delphinium (Larkspur)		
Belladonna. Clear torquoise blue; 4 to 5 feet	1.50	11.00
Capri. Immense sky blue flowers	3.50	25.00
Chinense Album. Pure white; 2 feet	.85	6.00
Chinense Azureum. Single, clear blue; 2 feet	.85	6.00
Formosum. Dark blue, white centre; 4 feet	.85	6.00
Formosum Coelestinum. Heavenly blue; 4 feet	.85	6.00
Hessen. (*New.*) Brilliant sky blue; very large	3.50	25.00
Hugo Poortman. Pale blue	3.00	22.50
Delphinium (Larkspur)—Continued	Doz.	100
Johannisberg. (*New.*) Semi-double; sky-blue, shaded soft pink	$3.50	$25.00
Libelle. (*New.*) Soft sky blue with pink centre	3.50	25.00
Moerheimi. Pure white; 4 feet	3.00	22.50
Mrs. Thompson. Clear deep blue, with eye	2.50	18.00
Niederwald. (*New.*) Azure blue, black centre	3.50	25.00
Dianthus (Garden Pink)		
Deltioides (*Maiden Pink*). Pink; 6 inches	.85	6.00
Latifolius Atroc. Fl. Pl. Everblooming; crimson	.85	6.00
Dictamnus (Gas Plant)		
Caucasica. Gigantic rose pink flowers	1.50	10.00
Fraxinella Pink. Rosy pink; 2½ feet	1.25	8.00
Fraxinella White. Pure white; 2½ feet	1.25	8.00
Dielytra (Bleeding Heart)		
Spectabilis. Pink and white	1.00	7.00
Echinops (Globe Thistle)		
Sphaerocephalus. Large white flowers; 5 to 6 feet	1.25	8.00
Edelweiss (Alpine Plant)		
Leontopodium. Grayish white; 4 inches	1.75	12.50
EREMURUS. (See page 25.)		
Eryngium (Sea Holly)		
Planum. Light blue; 2½ feet	1.50	10.00
Eupatorium		
Ageratoides. Pure white; 3 to 5 feet	1.00	7.00
Coelestinum. Light blue; 18 to 24 inches	1.00	7.00
Ferns (Hardy)		
Adiantum Pedatum (*Hardy Maiden Hair Fern*). 12 inches	1.50	10.00
Aspidium Cristatum (*Crested Fern*). 15 inches	1.00	7.00
Lastrea Dilitata. 24 inches	1.75	12.00
Osmundi Claytonia (*Flowering Fern*). 24 inches	1.50	10.00
Osmundi Regalis (*Royal Fern*). 24 inches	1.50	10.00
Osmundi Gracilis. 24 to 30 inches	1.50	10.00
Onoclea Sensibilis (*Sensitive Fern*). 12 to 15 inches	1.00	7.00
Onoclea Struthiopteris (*Ostrich Fern*). 24 in.	1.50	10.00
Polystichum Vulgare. 15 inches	1.00	7.00
Scolopendrium Vulgare. 12 inches	2.00	15.00
Funkia (Day Lily)		
Coerulea. Light blue; 8 inches	.75	5.50
Minor Alba. Miniature variety; white flowers	1.25	8.00
Undulata Media Picta. Variegated foliage	1.25	8.00
Gaillardia (Blanket Flower)		
Grandiflora. Yellow and orange, dark centre; 2 feet	.85	6.00
Geranium (Crane's Bill)		
Grandiflora. Large violet blue; 1 foot	1.00	7.00
Sanguineum. Bright crimson; 18 inches	1.00	7.00
Galega (Goat's Rue)		
Hartlandi. Blue and white flowers, variegated foliage; 2 feet	1.00	7.00
Geum (Avens)		
Coccineum. Brilliant rich scarlet; 18 inches	1.00	7.00
Mrs. Bradshaw (*New*). Double, bright scarlet; 18 inches	1.50	10.00
Grasses (Ornamental Varieties)		
Elymus Glaucus (*Blue Lime Grass*). 3 feet	1.50	10.00
Erianthus Ravennae (*Plume Grass*). 10 feet	.85	6.00
Eulalia Gracilis Univittata (*Japan Rush*). 5 to 6 feet	1.25	8.00
Eulalia Japonica. 4 feet	1.25	8.00
" " **Variegata.** 4 feet	1.25	8.00
" " **Zebrina.** 4 feet	1.25	8.00
Gynerium Argenteum (*Pampas Grass*). 7 to 10 ft.	2.75	20.00
Pennisetum Japonicum (*Fountain Grass*). 4 feet	1.25	8.00
Phalaris Arund. Variegata (*Ribbon Grass*). 3 feet.	1.00	7.00
Gypsophila (Baby's Breath)		
Cerastioides. White flowers marked pink; 3 inches.	1.00	7.00
Paniculata. Sprays of white flowers; 2 to 3 ft.	.85	6.00
Paniculata Fl. Pl. A double form of the above	1.75	12.50

Plants travel best by express. No plants sent C. O. D.

Extra Strong Bench Grown Ferns

SUITABLE FOR 6 INCH POTS

AT A SPECIAL BARGAIN PRICE

	Per Dozen	Per 100
Nephrolepis Scottii	$2.75	$22.50
" **Schoelzeli**	2.75	22.50
" **Elegantissima Compacta**	3.25	25.00

6 at dozen rate; 25 at 100 rate

These, when potted, will be worth double the price

Ready Oct. 1st. **Book Your Order Now**

SPECIAL NOTE.—No order for plants that does not aggregate over $1.00 will be filled at these prices; such will be charged at retail prices less 10%.

Helenium (Sneezewort)

	Doz.	100
Autumnale Rubrum. Bright terra-cotta red; 5 feet.	$1.50	$10.00
Autumnale Superbum. Golden yellow; 5 to 6 feet..	1.00	7.00
Cupreum. Orange crimson; 2 feet.....	1.00	7.00
Grandiflorum Striatum. Deep yellow, striped crimson; 5 feet.....	1.00	7.00
Hoopesii. Pure orange yellow; 2 feet.....	1.00	7.00
Riverton Beauty. Rich yellow, purple cone; 4 ft...	1.50	10.00
Pumilum Magnificum. Golden yellow; 18 inches...	1.00	7.00

Heliopsis (Orange Sunflower)

Pitcheriana. Deep golden yellow; 3 feet.....	.90	6.50
" **Semi-Plena.** A semi-double form...	1.00	7.00

Hemerocallis (Day Lily)

Flava. Light yellow; 3 feet	1.00	7.00
Fulva. Orange; 4 to 5 feet.....	1.00	7.00
Dumortieri. Rich yellow, shaded bronze; 1 foot....	.90	6.00
Dr. Regal. Rich apricot; 2½ feet	1.50	10.00
Kwanso Fl. Pl. (*Double*). Coppery red; 3 feet.....	.85	6.00
Sovereign. Chrome yellow; 2½ feet	2.00	15.00

Hepatica (Liver Leaf)

Triloba. Blue flowers	1.25	8.00

Heuchera (Alum Root)

Rosea. Light rose; 2 feet	1.25	8.00
Sanguinea. Bright scarlet; 2 feet	1.25	8.00
Sanguinea Alba. Creamy white; 2 feet	1.25	8.00

Hesperis (Rocket)

Matronalis. Pink flowers; 3 to 4 feet.....	.90	6.00

Hibiscus (Mallow)

Crimson Eye. Pure white, crimson eye; 4 feet.....	.90	6.00
Meehani (*Mallow Marvels*). Finest mixture; 4 feet.	1.50	10.00
Moscheutos Roseus. Light rose, darker eye; 4 feet	.90	6.00

Hieracium

Aurantiacum. Deep orange; 12 to 18 inches.....	.85	6.00

Hollyhocks

Double White	1.25	9.00
" **Crimson**	1.25	9.00
" **Salmon**	1.25	9.00
" **Canary Yellow**	1.25	9.00
" **Pink**	1.25	9.00
" **Maroon**	1.25	9.00
" **Newport Pink**	1.25	9.00
" **Mixed Colors**	1.00	7.00

Iberis (Candytuft)

Sempervirens. Pure white; 6 inches.....	1.00	7.50
Sempervirens Snowflake. An improved form.....	1.25	8.00

Incarvillea (Hardy Gloxinia)

Grandiflora. Bright pink; 18 inches	1.25	8.00

Inula (Flea Bane)

Ensifolia. Dwarf; golden yellow; 18 inches.....	1.00	8.00
Royleana. Golden yellow. 1½ to 2 feet	1.25	8.00
Glandulosa Grandiflora. Orange yellow; 2½ feet..	1.25	8.00

Iris Kaempferi (Japan Iris)

6-Petaled Varieties

These may be ordered by number or name.

4 **Yoma-no-Umi.** Cream white.
20 **Kuma-Funjin.** Silvery white, bordered lilac.
60 **Kazaribi.** White, marbled blue.
40 **Kanarishiki.** Grayish white, marbled violet.
47 **Renjo-no-toma.** Light violet, white veinings.
66 **Hanaoi.** Ultramarine blue, golden yellow centre.
25 **Senjo-notora.** Variegated and mottled.
5 **Koki-no-iro.** Light violet, white veined.
109 **Hosa Kiva.** Rich purple, veined white.
15 **Gekko-no-Hani.** Pure white.

Iris Kaempferi

3-Petaled Varieties

55 **Shuchiukiva.** Crimson purple, white veined.
43 **Shi-un-ryo.** Grayish white.
17 **Oyodo.** Royal purple.
77 **Yayaura.** White, marbled violet.
53 **Samidare.** Silvery white, veined violet blue.

Price of any of the above named Japanese Iris $1.50 doz., per 100 $10.00, 90.00 per 1000.

Japanese Iris. Mixed colors $1.00 per doz., per 100 $6.00

Iris Germanica

	Doz.	100
Eugene Sue. White, spotted blue	$0.85	$6.00
Florentina Alba. White, very free flowering.....	.85	6.00
Gloire de Hillegom. Blue	.85	6.00
Grachus. Crimson and white	.85	6.00
Gypsy Queen. Lavender	.85	6.00
Honorabilis. Yellow and bronze	.85	6.00
Innocenza. White	.85	6.00
Kharput. Deep blue	.85	6.00
Leonidas. Mauve	.85	6.00
Mad. Chereau. White and blue.....	.85	6.00
Mrs. H. Darwin. White and violet	.85	6.00
Mrs. Reuthe. Pale blue, veined waxy white.....	1.00	7.50
Nuci d'Orange. Yellow	1.00	7.50
Ossian. Straw yellow, veined violet	1.00	7.50
Pallida Dalmatica. Lavender	1.50	10.00
Queen of May. Light pink.....	.85	6.00
Mixed. All colors	.60	3.75

Iris Intermedia

Ceres. White.....	1.75	12.50
Charmant. Silver white	1.75	12.50
Walhalla. Blue	1.75	12.50

Iris Pumila

Azurea. Light blue	1.00	7.50
Lutea. Yellow	1.00	7.50
Violacea. Dark blue	1.00	7.50

Iris Siberica

Orientalis. Deep blue	1.00	7.00
Snow Queen. Pure white	1.00	7.00

For bulbous Iris see page 25.

Lavendula (Lavender)

Vera	1.00	7.00

Liatris (Blazing Star)

Pycnostachia. Light rosy purple; 4 feet	.85	6.00

Lobelia

Cardinalis. Rich cardinal red; 2 to 3 feet.....	.85	6.00
Syphilitica Hybrida. Mixed; 2 feet.....	.85	6.00

Lupinus (Lupins)

Moerheimi. Pure pink; gigantic flowers; 3 to 4 feet	2.50	18.00
Polyphyllus Blue. 3 to 4 feet.....	1.50	10.00
Polyphyllus White. 3 to 4 feet.....	1.50	10.00

Lychnis

Viscaria (London Pride). Double red; 15 inches...	1.25	8.00

Lythrum (Loose Strife)

Brightness. Clear pink. 3 to 4 feet.....	1.50	10.00
Rose Queen. Large, beautiful rose-colored flowers; 3½ feet	1.50	10.00
Roseum Superbum. Rich pink; 3 to 4 ft.....	1.50	10.00

Monarda (Bergamot)

Didyma Cambridge Scarlet. Brilliant crimson scarlet; 2 to 3 feet	1.00	7.00
Didyma Rosea (Bee Balm). Pink; 2 to 3 feet.....	.85	6.00
" **Salmonea.** Salmon rose; 2 to 3 feet.....	.85	6.00
" **Violacea.** Bright Amaranth-red; 2 to 3 feet	.85	6.00
Fistulosa Alba (Wild Bergamot). White; 2 to 3 feet	.85	6.00

Mertensia (Blue Bells)

Virginica. Light blue; 12 to 18 inches.....	1.25	8.00

MICHELL'S HARDY PERENNIAL PLANTS

SPECIAL NOTE.—No order for plants that does not aggregate over $1.00 will be filled at these prices; such orders are charged at retail rates less 10%.

Oenothera (Evening Primrose)

	Doz.	100
Eldorado. Double, golden yellow; 10 inches	$1.00	$7.00
Fraseri. Deep yellow; 18 inches	1.00	7.00
Missouriensis. Golden yellow; 10 inches	1.00	7.00
Speciosa. Pure white; 18 inches	1.00	7.00
Youngii. Rich lemon; 10 inches	1.00	7.00

Hardy Phlox (Chastity)

Orobus (Bitter Vetch)

	Doz	100
Lathyroides. Bright blue; 12 inches	$1.50	$10.00
Superbus. Light blue; 1 foot	1.50	10.00
Vernus. Purple; pea-shaped; 1 foot	1.50	10.00

Ononis

Hircina. Pink, pea-shaped flowers; creeping	1.25	8.00

PAEONIES *See page 22*

Pachysandra

Terminalis. Evergreen trailing plant; 6 to 8 inches..	1.25	10.00

Pentstemon (Beard Tongue)

Barbatus Torreyi. Brilliant scarlet; 2 feet	1.00	7.00
Digitalis. Purplish white; 2 feet	1.00	7.00
Glaber Hybrids. Mixed colors; 2 feet	1.00	7.00
Grandiflorus	1.00	7.00
Sensation. Mixed colors; 2½ feet	1.25	8.00

Phlox (Decussata Varieties)

Our list takes in the best commercial sorts.

Antoine Mercie. Cream colored, suffused bluish lilac.	.75	5.00
Asia. Rich mauve	1.00	6.00
Baron v. Dedem. Deep pink, suffused orange	.75	5.00
Chastity. Immense flowers, pure white	1.25	7.00
Coquelicot. Brilliant orange-scarlet	.75	5.00
Crepuscle. Pearl-gray, white edges	1.00	6.00

Phlox (Decussata Varieties)—Continued

	Doz.	100
Elizabeth Campbell. Delicate pink, white eye	$1.00	$6.00
Europa. Blush white, deep pink centre	1.00	6.00
Eugene Danzanvilliers. Delicate lavender	.75	5.00
Frau Anton Buchner. Very large, pure white trusses	1.00	6.00
Fernand Cortez. Cerise pink with a purple eye	1.00	6.00
G. A. Strohlein. Bright scarlet, crimson red eye	1.00	7.00
Gruppen Koenigin. Delicate rose-pink, red eye	1.00	6.00
General von Heutsz. Delicate salmon scarlet	1.00	6.00
Goliath. Bright cerise with deep eye	.75	5.00
General Chanczy. Orange, suffused scarlet; purple eye	.75	5.00
Hanny Pfleiderer. Blush white, lavender-pink eye	1.00	6.00
Iris. Deep reddish-violet; enormous flower trusses	1.00	7.00
Jean d'Arc. Pure white	.75	5.00
Le Mahdi. Royal deep purple	.75	5.00
Linfield Beauty. Beautiful salmon-pink	1.50	12.00
Matador. Cherry red, crimson eye	1.00	6.00
Miss Lingard. Pure white	1.00	6.00
Mrs. Jenkins. Pure white; very effective	.75	5.00
Mad. Paul Dutrie. Delicate soft pink	.75	5.00
Montagnard. Dark purple-claret, large spikes	1.00	6.00
Professor Virchow. Bright carmine, suffused orange.	.75	5.00
Rheinstrom. Bright pink	1.10	7.50
Rosamundi (New). Beautiful soft rose	1.25	9.00
R. P. Struthers. Deep salmon pink, dark centre	.75	5.00
Von Lassburg. Pure white; immense truss	.75	5.00
W. C. Egan. Delicate lilac, solferino eye	1.25	9.00
Widar. Reddish violet, white centre	1.00	6.00
Wm. Robinson. Carmine pink with crimson eye	.75	5.00

Phlox (Miscellaneous Varieties)

Divaricata Canadensis. Lavender; 10 inches	1.00	7.00
Ovata Caroliniensis. Reddish pink; 12 to 15 inches	1.00	7.50

Platycodon (Bell Flower)

Grandiflorum Blue. Beautiful shade; 2 to 3 feet	.85	6.00
Grandiflorum White. A white form of the above	.85	6.00

Physalis (Lantern Plant)

Alkekengi. Orange-red fruits; 2 feet	1.10	7.00
Francheti. Orange scarlet lantern-like fruits; 2 feet	1.10	7.00

Plumbago (Leadwort)

Larpentae. Deep blue; 6 inches	1.00	7.00

Polemonium (Jacob's Ladder)

Richardsoni. Sky blue, golden anthers; 12 in	1.00	7.00
Richardsoni Alba. A white form of the above	1.00	7.00

Poppy

Orientale Fürstenkind. Brilliant scarlet	1.50	10.00
" **Goliath.** Rich scarlet; very large	1.50	10.00
" **Mahony.** Dark crimson maroon	1.50	10.00
" **Marie Studholme.** Delicate salmon rose.	1.50	10.00
" **Mrs. Perry.** Soft salmon rose	1.50	10.00
" **Princess Victoria Louise.** Beautiful salmon pink	1.50	10.00
" **Rose Queen.** Salmon rose, shaded lilac	1.50	10.00
" **Silberblick.** Salmon red, shaded white	1.50	10.00
Nudicaule Yellow (*Iceland Poppy*)	1.10	7.50
" **Orange**	1.10	7.50
" **White**	1.10	7.50

Primula (Hardy Primrose)

Auricula. Finest shades of yellow and red	1.10	8.00
Polyanthus. Velvety red, edged golden	1.00	7.00
Veris (*English Cowslips*). Shades of red and yellow	.85	6.00

Prunella

Grandiflora. Purple, suitable for shade; 6 inches	1.00	7.00

Pyrethrum

Uliginosum. Pure white; very large. 4 to 5 feet	.85	6.00

Rudbeckia (Cone Flower)

Autumn Sun. Single, bright yellow; 5 to 6 feet	1.00	7.00
Golden Glow. Double canary yellow; 6 feet	.85	6.00
Newmanni. Single dark orange, purple cone; 3 feet	1.00	7.00
Purpurea. Purple cone flower; 2½ feet	1.00	7.00
Rays of Gold. Double golden yellow; 5 feet	1.00	7.00

French Hydrangeas—For Early Forcing

Extra fine stock in the following varieties at low prices, pot grown:

	2½-inch pots		4-inch pots		6-inch pots	
	Per Doz.	Per 100	Per Doz.	Per 100	Per Doz.	Per 100
Avalanche, White	$0.75	$5.00	$1.75	$12.00	$4.00	$30.00
Bouquet Rose, Pink	.75	5.00	1.75	12.00	4.00	30.00
General de Vibraye, Rose	.75	5.00	1.75	12.00	4.00	30.00
La Lorraine, Pale Rose	.75	5.00	1.75	12.00	4.00	30.00
Mme. E. Moulliere, White	.75	5.00	1.75	12.00	4.00	30.00
Mme. Maurice Hamar, Flesh	.75	5.00	1.75	12.00	4.00	30.00
Mons. G. Renault, Carmine	.75	5.00	1.75	12.00	4.00	30.00
Radiant, Pink	.85	6.00	2.00	15.00	4.50	35.00
Souv. de Mme. Chautard, Rose	.75	5.00	1.75	12.00	4.00	30.00

Hydrangea Otaksa—For Late Forcing

	2½-inch		4-inch		6-inch	
	Per Doz.	Per 100	Per Doz.	Per 100	Per Doz.	Per 100
Pot Grown	$.75	$5.00	$1.75	$12.00	$4.00	$30.00
Field Grown—4 to 9 shoots			$2.00 Per Doz.		$15.00 per 100	

Pot Grown Stock Ready Now—Field Grown Stock Ready in October

We have a limited supply of extra strong specimen plants in tubs with 10 to 15 shoots of the following varieties: Avalanche, Bouquet Rose, Radiant, Souvenir de Mme. Chautard and Otaksa, which we offer at $1.50 to $2.50 each, according to size.

ORDER SOME TO-DAY

MICHELL'S HARDY PERENNIAL PLANTS

SPECIAL NOTE.—No order for plants that does not aggregate over $1.00 will be filled at these prices; such will be charged at retail prices less 10%.

	Doz.	100
Salvia		
Azurea. Rich sky blue; 3 feet	$1.00	$7.00
Greigi. Cerise crimson; 2½ to 3 feet	2.00	15.00
Pitcheri. Deep blue; branching 3 feet	1.50	12.00
Sclarea. Pale purple, lower lip white; 3 feet	1.10	8.00
Uliginosa. Clear blue with distinct white eye	1.25	10.00
Virgata Nemorosa. Deep blue; 2½ feet	1.50	10.00
Scabiosa		
Caucasica Alba. Pure white; 2½ feet	1.25	8.00
Caucasica Coerulea. Lavender; 2½ feet	1.25	8.00
Japonica. Rich lavender blue; 2½ feet	1.25	8.00
Scuttellaria		
Coelestinum. Blue	1.25	8.00
Saponaria (Soap Wort)		
Caucasica. Double white, tinted rose; 15 inches	1.25	8.00
Ocymoides. Bright rose; 9 inches	1.00	7.00
Sedum (Stone Crop)		
Acre. Bright yellow; 6 inches	.90	6.00
Album. Green foliage; white flowers; 6 inches	.90	6.00
Sieboldii. Bluish foliage, bright pink flowers; 6 inches	1.00	7.00
Spectabilis. Light green foliage, pink flowers; 18 inches	1.00	7.00
Spectabilis Brilliant. Green foliage, amaranth flowers; 18 inches	1.50	10.00
Shasta Daisy		
Alaska. Large, pure white flowers; 3 to 4 feet	1.50	10.00
Stachys (Woundwort)		
Betonica Rosea. Rich pink; 12 to 15 inches	1.25	8.00
Lanata. Silvery, woolly foliage, purple flowers; 10 inches	1.25	8.00
Solidago (Golden Rod)		
Altissima. Golden yellow; 10 to 12 feet	1.00	7.00
Canadensis. Our native Golden Rod	1.00	7.00
Golden Wings. Large, golden yellow; 5 feet	1.00	7.00
Spiraea (Dropwort)		
Filipendula Fl. Pl. Double white; 1½ feet	1.25	8.00
Palmata. Crimson purple; 3 feet	1.25	8.00
Ulmaria Fl. Pl. Double white; 3 feet	1.25	8.00
Venusta Magnifica. Rosy red; fragrant; 4 to 5 ft.	2.00	15.00
Statice (Sea Lavender)		
Eximia. Soft lilac; 15 to 18 inches	1.00	7.00
Gmelini. Purple; 18 inches	1.00	7.00
Latifolia. Dark blue, very large; 18 inches	1.00	7.00
Tartarica. Light blue; 18 inches	1.00	7.00
Stokesia (Cornflower Aster)		
Cyanea Alba. Pure white; 18 inches	1.00	7.00
" **Blue.** Light blue; 18 inches	1.00	7.00
Tanacetum		
Vulgare. Yellow flowers, curled leaves; 3 feet	1.00	7.00
Thermopsis		
Caroliniana. Bright yellow; 3 feet	1.25	8.00
Fabacea. Yellow, pea-shaped flowers; 2 to 2½ ft.	1.50	10.00
Trillium (Wood Lily)		
Erectum Grandiflorum. White	.75	5.00
Tritoma (Flame Flower)		
Express. Very brilliant scarlet; early flowering	1.50	12.00
Pfitzeri (*Red Hot Poker*). Orange scarlet ($75.00 per 1000)	1.25	8.00
Tuckii. Deep coral red	1.50	12.00
Trollius (Globe Flower)		
Europaeus. Bright yellow; 12 inches	1.50	10.00
Japonicus "Excelsior." Deep orange; 12 inches	1.50	10.00
Valeriana (Spurred Flower)		
Coccinea. Showy heads of red flowers; 2 feet	1.25	8.00
Coccinea Alba. A white form of the above	1.25	8.00
Officinalis. Showy pink flowers; 2 feet	1.25	8.00
Veronica (Speedwell)		
Amethystina. Amethyst blue; 1½ to 2½ feet	$1.00	$7.00
Incana. White, silvery-like foliage; pale blue; 12 to 18 inches	1.00	7.00
Longifolia Subsessilis. Rich blue; 2½ feet	1.50	10.00
Virginica Alba. Large, pure white; 2 feet	1.00	7.00

Tritoma Pfitzeri

For other varieties see opposite column.

Tritoma

(Flame Flower, Torch Lily or Red Hot Poker Plant)

In summer and autumn when other flowers are on the wane, the Tritoma looms up and furnishes a wealth of bloom till killing frosts check it. A vase of these arranged with autumn leaves or ornamental grasses make a handsome effect. Just the thing for store window decoration in late summer and early autumn. Our collection comprises the best varieties only.

Pfitzeri. Rich orange scarlet. **Doz.,** $1.25; $8.00 per 100.

	Doz.	100
Vinca (Periwinkle)		
Aurea. Green, margined yellow foliage	$1.50	$10.00
Minor. Green foliage, lavender flowers	.85	6.00
Yucca (Adam's Needle)		
Filamentosa. White, with reflexed flower bulbs; 4 to 5 feet	1.50	10.00

HARDY CLIMBING PLANTS

Akebia Quinata. 6-inch pots	4.00	30.00
Actinidia Arguta. 6-inch pots	2.00	15.00
Ampelopsis Elegans. 6-inch pots	3.00	22.50
" **Henryii.** 6-inch pots	3.00	22.50
" **Lowii.** 4-inch pots	2.50	20.00
" **Quinquefolia** (Virginia Creeper)	2.00	12.00
" **Veitchii** (Boston Ivy). 5-inch pots	2.00	15.00
Aristolochia Sipho (Dutchman's Pipe). 6-inch pots	4.00	30.00
Clematis Coccinea. 4-inch pots	2.00	15.00
" **Flammula.** (Virgin's Bower). 2½-inch pots	3.00	22.50
" **Paniculata.** 4-inch pots	1.50	9.00
Euonymus Radicans. 4-inch pots	1.25	8.00
" " **Vegetus** (New). 4-inch pots	2.00	15.00
" " **Variegata.** 4-inch pots	1.25	8.00
Honeysuckle, Chinese Evergreen. 4-inch pots	2.00	15.00
" " " 6-inch pots	3.00	20.00
" **Halleana.** 4-inch pots	2.00	15.00
" " 6-inch pots	3.00	20.00
" **Variegated.** 6-inch pots	3.00	20.00
Ivy, English. 4-inch pots	2.00	15.00
Kudzu Vine (Pueraria Thunbergiana)	2.00	15.00
Lathyrus Latifolius Albus. White Everlasting Peas	1.00	7.00
" " **White Pearl**	2.50	15.00
" " **Pink Beauty**	1.50	10.00
Schizophragma Hydrangeoides (Climbing Hydrangea). 60c. each; doz., $6.00.		

Plants ship best by express. No plants shipped C. O. D.

HYBRID PERPETUAL AND CLIMBING ROSES

Field Grown, Extra Strong Stock for Delivery Fall, 1915

Orders booked up to October 1st. After that date it will be too late to get a good selection of strong plants from abroad. As we grow many of the same varieties in our own nurseries at Andalusia, as far as possible we will fill orders from home-grown stock until same is exhausted.

Hybrid Perpetual Varieties

	Per 10	Per 100
American Beauty. Pink	$1.75	$15.00
Baroness Rothschild. Pink	1.60	14.00
Capt. Christy. Pink	1.75	15.00
Clio. Flesh pink	1.60	14.00
Fisher Holmes. Red	1.60	14.00
Frau Karl Druschki. White	1.60	14.00
Gen. Jacqueminot. Crimson	1.60	14.00
Baron de Bonstetten. Deep red	1.60	14.00
Magna Charta. Pink	1.75	15.00
M. Dickson. White	1.75	15.00
Mme. Gab. Luizet. Pink	1.60	14.00
Mrs. Jno. Laing. Pink	1.60	14.00
Mrs. R. G. Sharman Crawford. Pink	1.60	14.00
Paul Neyron. Deep pink	1.60	14.00
Prince Camille de Rohan. Crimson	1.60	14.00
Gloire de Lyonnaise. White	1.60	15.00
Ulrich Brunner. Deep pink	1.60	14.00

Many of these will be on own roots and others budded, according to the size of stock at shipping time.

Climbing Varieties

	Per 10	Per 100
American Beauty. Rose	$2.25	$20.00
American Pillar. Single pink	1.75	15.00
Aviator Bleriot. Yellow	2.25	20.00
Baltimore Belle. Blush	2.00	17.50
Christine Wright. Pink	1.75	15.00
Crimson Rambler. Red	1.60	14.00
Dorothy Perkins. Pink	1.60	14.00
Excelsa. Scarlet	1.75	15.00
Flower of Fairfield. Crimson	1.75	16.00
Hiawatha. Single scarlet	1.60	14.00
Lady Gay. Pink	1.75	15.00
Tausendschoen. Soft pink	1.60	14.00
White Dorothy Perkins. White	1.75	15.00

Most of the Climbing Roses offered above are on their own roots.

Dwarf (Baby) Ramblers

	Per 10	Per 100
Annchen Muller. Rose pink	$1.60	$14.00
Baby Rambler. Crimson	1.60	14.00
Catherine Zeimet. White	1.60	14.00
Cecile Brunner. Bright rose	2.25	20.00
Erna Terschendorff. Scarlet	1.60	14.00
Geo. Elger. Coppery yellow	2.50	22.00
Jessie. Red	1.60	14.00
Louise Walter. Blush pink	1.60	14.00
Mrs. W. Cutbush. Pink	1.60	14.00
Orleans. Rich red	1.60	14.00
Phyllis. Cerise pink	1.75	15.00

On account of the close price at which we sell this stock, **no order will be booked for less than 50 Roses and not less than 10 of a variety.** Prices on Roses are duty and packing free, f. o. b. Philadelphia. **This offer on Roses is subject to stock being unsold when order is received abroad.**

POT GROWN STRAWBERRY PLANTS

The advantages in planting pot-grown strawberry plants are realized by a full crop of berries the following year. Our plants are carefully grown in clay pots and, prior to shipment, are transferred with the original ball of earth at their roots to substantial paper pots in which they are forwarded, thus insuring the buyer getting them in first-class order and reducing the transportation charges about 25 per cent. Every florist should have a strawberry patch. Shipments of these plants can usually be made up **to October 1st.**

A husky developed specimen like this can't fail but give you satisfaction

Early Varieties

Abington (Perfect). Bright red, with firm flesh and excellent flavor. Large fruits; one of the best of the early sorts.
Clyde (Perfect). A standard variety of great merit.
Senator Dunlap (Perfect). It ripens early and continues in bearing a long while.
Wildwood (Perfect). A berry that will be in great favor on account of the large size and the aroma of the wild Strawberry.

MID-SEASON VARIETIES

Auto (Perfect). Very productive; extra large, bright red, conical berries of high quality.
Barrymore (Perfect). A healthy, vigorous grower; very productive. The color is glossy, rich, dark crimson.
Big Joe (Perfect). One of the largest and most productive.
Bubach (Pistillate). A most profitable variety either for market or home use; an old favorite.
First Quality (Perfect). Produces uniformly large berries.
Heritage (Perfect). A real giant strawberry; rather irregularly shaped, but of beautiful crimson color.
McAlpin (Perfect). Most vigorous and healthy grower.
Wm. Belt (Perfect). A very popular variety.

LATE SEASON VARIETIES

Brandywine (Perfect). Fruit extra large, heart shaped; color bright, rich red.
Gandy (Perfect). Fruit very solid and large; crimson.
Chesapeake (Perfect). Produces well-developed and strictly fancy berries of good color.
Glen Mary (Pistillate). One of the old standbys. The fruits are large, but rather irregular.
Rewastico (Perfect). Extra large fruits of rich red color and delicious flavor.
Stevens' Late Champion (Perfect). Very large, fine flavor, bright color, good shipper, heavy yielder. 60c. per doz.; per 100, $4.00; $30.00 per 1000.

Price of any of the above varieties (except where noted) in **extra strong, pot-grown plants,** 45c. doz; per 100, $3.00; $25.00 per 1000.

Layer Plants of Strawberries, leading sorts, ready in October; price, 20c. per doz.; per 100, $1.00; $6.00 per 1000.

Plants ship best by express or freight. No plants sent C. O. D. (ha)

FIELD GROWN — EXTRA STRONG PLANTS

Pink Killarney Roses

These are own root stock, well rooted and branched, and are ideal stock for potting for next spring sales. They are two-year old and very fine. Home grown stock produced at our own nurseries at Andalusia, Pa., where the soil is ideal for roses.

SPECIAL PRICE WHILE THEY LAST

Delivery in November. Orders booked now.

$2.50 per dozen; per 100, $17.50.

Next spring these will be worth 30c. each.

Michell's Pot Grown Roses

There is an increasing demand for **Pot Grown Roses** for out-door planting during the summer and fall, and for that reason, we carry over for autumn sales a quantity of **Extra Strong 2-year-old stock in 6-inch pots.** These will prove a good investment and should find a ready sale to your customers. **Order now, while the selection is good.**

Hybrid Perpetual Roses

	Doz.	100
Baroness Rothschild. Pink	$3.25	$26.00
Baron de Bonstetten. Deep red	3.25	26.00
Frau Karl Druschki. White	3.25	26.00
Gen. Jacqueminot. Crimson	3.25	26.00
George Arends. Clear pink	3.75	30.00
Gloire de Lyonnaise. White	3.25	26.00
Magna Charta. Pink	3.25	26.00
Mrs. Jno. Laing. Pink	3.25	26.00
Mrs. R. G. Sharman Crawford. Pink	3.25	26.00
Paul Néyron. Deep pink	3.25	26.00
Prince Camille de Rohan. Crimson	3.25	26.00
Ulrich Brunner. Deep pink	3.25	26.00

Climbing Roses

American Beauty. Rose pink	5.00	35.00
American Pillar. Single pink	3.25	25.00
Christine Wright. Pink	5.00	35.00
Killarney. Pink	4.25	35.00
Lady Ashtown. Pink	5.00	37.50
La France. Pink	5.00	37.50
Lady Gay. Pink	3.25	25.00
Reine Marie Henrietta. Red	4.25	35.00
Silver Moon. White	6.00	45.00

Hybrid Tea Roses

Antoine Rivoire. Pink	3.75	30.00
Betty. Pink	3.75	30.00
Caroline Testout. Pink	3.75	30.00
Chateau des Clos Vogeout. Scarlet	4.50	35.00
Dean Hole. Pink	3.75	30.00
Dorothy Page Roberts. Coppery yellow	5.00	40.00
Earl of Gosford. Crimson	Each, 60c. 6.75	55.00
Earl of Warwick. Salmon pink	3.75	30.00
Farben Königin. Pink	3.75	30.00
Francisca Krüger. Orange	3.75	30.00
Geo. C. Waud. Vermilion	3.75	30.00
Harry Kirk. Yellow	3.75	30.00
Lady Ashtown. Pink	3.75	30.00

Hybrid Tea Roses—(Continued)

	Doz.	100
Lady Alice Stanley. Deep rose	$5.00	$40.00
La France. Satiny rose	3.75	30.00
Mad. Abel Chantenay. Pink	3.75	30.00
Mad. Ed. Herriott. Coral red	Each, $1.00	10.00
Mad. Segond Weber. Soft pink	3.75	30.00
Marquise de Sinety. Yellow	4.50	35.00
Mme. Leon Pain. Salmon yellow	4.00	32.50
Mrs. David Jardine. Pink	4.00	32.50
Mrs. Geo. Shawyer. Deep pink	5.50	45.00
Mrs. Walter Easlea. Crimson	5.00	40.00
Mrs. Sam Ross. Pale straw	7.50	60.00
Mrs. W. Christie Miller. Soft peach	3.75	30.00
Prince d'Arenberg	3.75	30.00
Prince de Bulgarie. Pink	3.75	30.00
Richmond. Red	3.75	30.00
Souv. de Cath. Guillot. Coppery carmine, shaded orange	3.75	30.00
Souv. de Gustave Prat. Sulphur yellow	5.00	40.00
Sunburst. Orange	4.00	32.50
Willowmere. Carmine pink	Each, $1.00	10.00
Wm. Shean. Delicate pink	4.00	32.50

Miscellaneous Roses

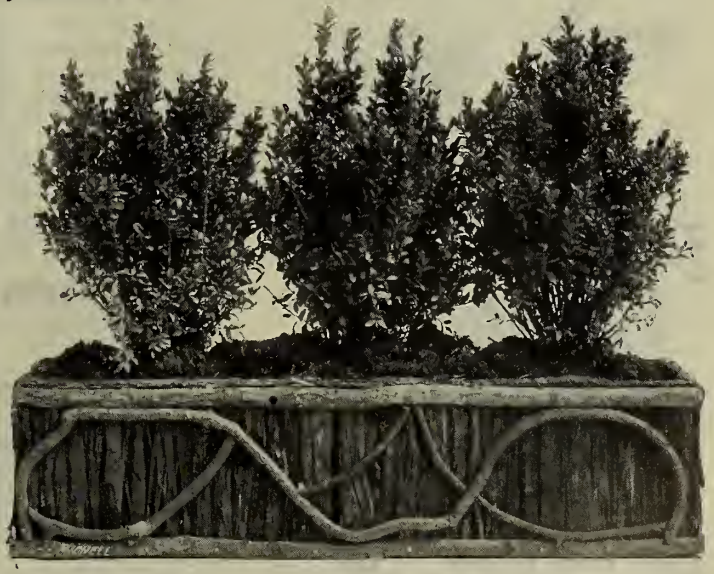
Juliet (Austrian Briar). Vermilion	3.75	30.00
Soleil d'or (Austrian Briar). Orange	3.75	30.00
Gardenia (Wichuriana). Yellow	3.25	25.00
Rugosa. Double white	3.50	27.00

Untrimmed Boxwood

These can be used not only for hedge effect, but they are becoming more popular every year for planting as individual specimens in vases, porch or window boxes. Being of evergreen nature, and perfectly hardy, they are very desirable for planting in window boxes in private residences, hotels, etc., during winter. We offer these in extra strong plants in the following sizes:

	Each	Doz.
10 inches high	$0.30	$3.00
12 inches high	.40	4.00
15 inches high	.50	5.00
18 inches high	.60	6.00

Be sure to include some of these in your order. It will pay you.



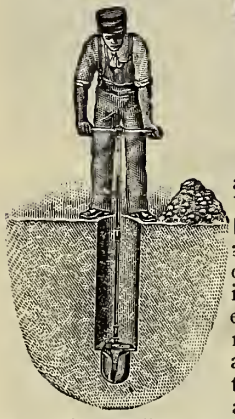
A Window Box Planted with Boxwood (ha)

MARATHON GRINDERS

Every florist needs a good grinding machine. By a combination of cut spur gears and steel cut pinions arranged in the **"Marathon,"** we obtain a very high speed. This insures the quickest cutting results from the corundum stone with minimum wear.

No.	In.	
1,	wheel ¾	x5, $4.25
2	"	1x5, 5.25
3	"	1x6, 6.25
4	"	1x7, 7.00

If treadle is wanted, add $1.40 to the above prices.



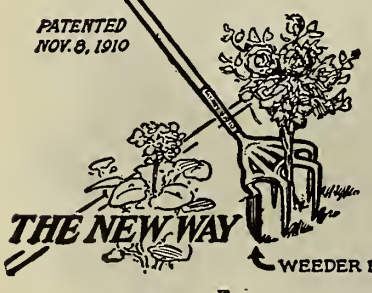
No. 8 POST HOLE DIGGER

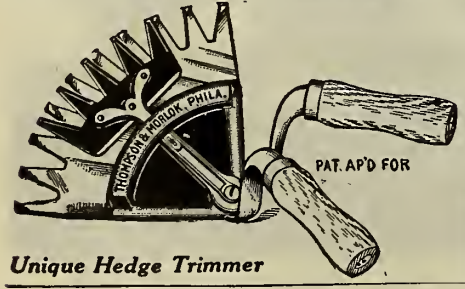
This is really an earth auger, as will be seen by the illustration; will bore a hole 3½ ft. deep and can be adjusted in diameter from 8 to 14 inches. It can be emptied instantly; it is made of the finest steel and a man with one of these can do 3 times as much work as with an ordinary digger. Price, $3.00.

No. 15 Eureka Posthole Diggers, 90c. ea.

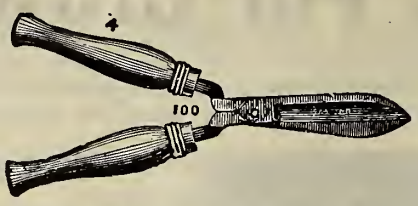
Mehler Handy Gardener

An entirely distinct tool. No hoe is needed where this is used; just the thing for working among flower and vegetable plants, and especially for use in bench beds of greenhouses for weeding, etc. 70c. each.





Unique Hedge Trimmer



ENGLISH HEDGE SHEARS

No.		Plain Bolt	Fly Nut Bolt
107	5½-inch Ladies'	$0.90	
101	8 "	1.35	$1.80
101	9 "	1.58	2.03
101	10 "	1.75	2.25
101	12 "	2.25	

SAYNOR HEDGE SHEARS (Fly Nut)

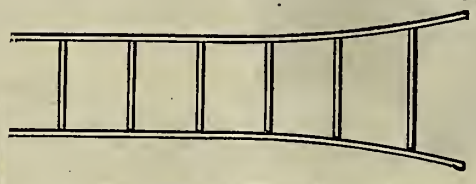
For very heavy hedges.

9 in.....$2.25 | 10 in.....$2.50

NEVERSLIP HEDGE SHEARS

These shears have a saw edge on one blade which prevents them from slipping when cutting; made of the best quality English steel.

8	inch	$1.60
9	"	2.00
10	"	2.25



SINGLE PLANK LADDERS

Made of good hard wood, free from faulty knots; with perfect rounds. The ladders we supply are straight, without the curve in the standards as the illustration shows.

10 ft.	$2.20	16 ft.	$3.56
12 ft.	2.64	18 ft.	3.96
14 ft.	3.08	20 ft.	4.40

Longer sizes at 22c. per foot.

EXTENSION LADDERS

These are made in the best manner possible, are complete, being equipped with the necessary rope and pulleys. The ladders we supply are straight, without the curve in the standards as the illustration shows.

16 ft.	$4.32	26 ft.	$7.02
18 ft.	4.86	28 ft.	7.56
20 ft.	5.40	30 ft.	8.10
22 ft.	5.94	32 ft.	8.64
24 ft.	6.48	34 ft.	9.18

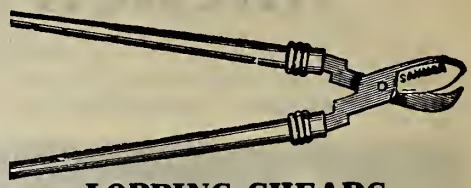
36 to 44 ft. size at 26c. per foot.

GRAFTING WAX

¼ lb., 8c.; 12c. ½ lb.; 1 lb., 20c.; 90c. per 5 lbs.

UNIQUE HEDGE TRIMMER

A practical tool for trimming the summer growth of hedge. It works like a charm, and leaves the hedge in better shape than you could with any other shear, and does the work in one-quarter the time. Guaranteed satisfactory; cut 16-inch swath. Price, $5.00.



LOPPING SHEARS

For tree and heavy hedge pruning.

English (see cut above)	$3.15
Rockdale Style	.90
Clipper. Equipped with a lever blade.	1.80
Rhodes' Double Cut	2.35
Searight (see cut below)	1.75

Bastian's Patent Tree Pruner

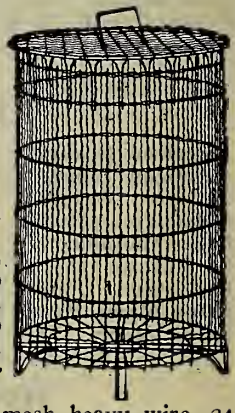
The merits of this pruner can hardly be estimated, unless one gives it a trial. It is the most powerful device of its kind ever invented. With the greatest ease it will cut any limb that fits in its jaws, which are about 1½ inches wide. By reason of its design, the leverage does not in any way bend the pole, as it is a direct down stroke. It is decidedly the best tree pruner on the market. (See page 59 for other Tree Pruners.)

8 ft.	$1.35
10 ft.	1.60
12 ft.	1.80
14 ft.	2.05

Extra Blades for cutter, 15c. each.

MICHELL'S RUBBISH CONSUMERS

Made of heavy galvanized wire, an indispensable arrangement for burning rubbish, paper, leaves, etc., without endangering property. Will last a lifetime.



	Diam.	High	Price
A,	12 in.	x 18 in.,	$1.10
B,	15 in.	x 22 in.,	1.35
C,	18 in.	x 26 in.,	1.60
D,	21 in.	x 31 in.,	2.25

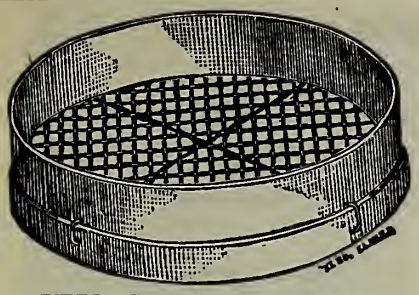
Extra Heavy Rubbish Consumer

Made of diamond mesh heavy wire, 24 inches in diameter, 36 inches high, on iron feet. Price, $10.00.

GRAFTING TOOL

Best English steel for grafting trees, etc.

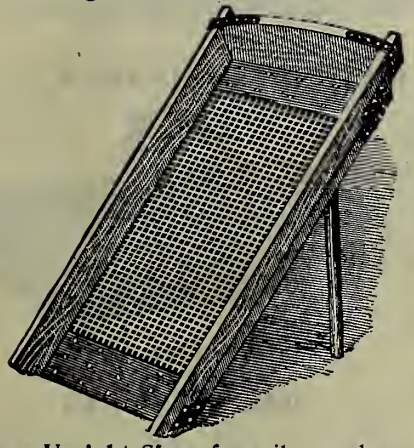
With Wood Handle (see cut)	$0.70
All Steel	.55



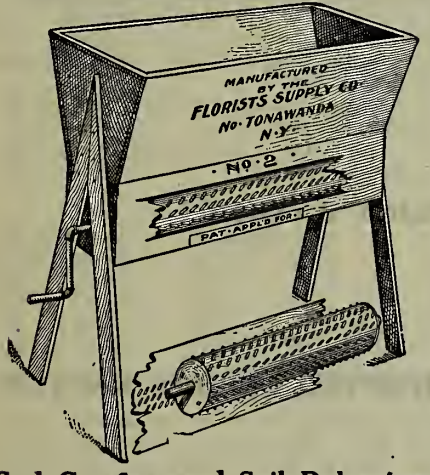
SIEVES (ANY SIZE MESH)

Made extra well, of galvanized wire and hard wood.

	Each
20 inch Foundry (extra heavy)	$0.75
20 inch Regular wire	.65
18 inch Regular wire	.55



Large Upright Sieve for soil, gravel, sand, etc. Made in any size mesh, of extra heavy foundry wire, $7.25 each.



Sod Crusher and Soil Pulverizer

These machines are equipped with a hopper, and a roller, the latter being spiked. It is turned by means of a handle and crushes the soil perfectly, avoiding the necessity to sift.

No. 1, $15.00 | No. 2, $20.00 | No. 3, $30.00

We can also supply Wolff's Automatic Soil Sifters. Write for prices.

Liquid Manure Distributor *(See Opposite)*

This can be attached to hose with which you are watering and, connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it. All brass.

Price, $1.50 each. (Parcel Post Weight, 2 lbs.)

WAGON AND AUTOMOBILE HEATERS

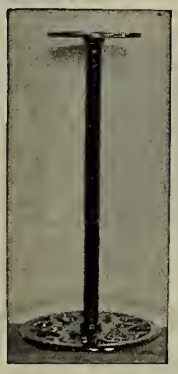
These heaters will keep the temperature above freezing in most any ordinary closed vehicle during the severest weather.

No.		Each
5.	Single drawer, 14 in. long	$1.75
5B.	Single drawer, 14 in. long covered with Brussels carpet	2.00
7B.	20 in., single drawer, Brussels carpet	3.75
7C.	20 in., single drawer, velvet carpet	4.25
10.	Three drawers. (See cut.)	6.25

Coal for Wagon Heaters. 70c. per doz. bricks; per 100, $5.00.

Tongs for Handling Hot Coals. 25c.

Illustrated circular on request.



IRON PLANT STANDS

STAR STYLE

Somewhat similar to the "Superior," excepting that they are not fitted with the tilting device, and are finished in black varnish.

Height	Each	Doz.
12 inches	$0.60	$6.75
18 "	.70	8.00
24 "	.85	9.50
30 "	1.00	11.25
36 "	1.25	14.00
42 "	1.35	15.00

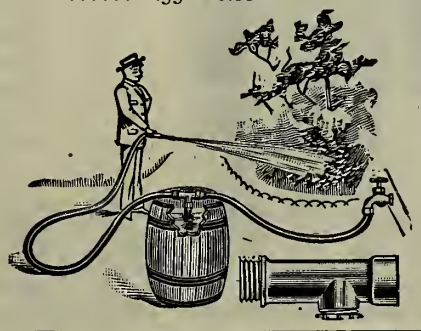
SUPERIOR STYLE

Can be tilted to set your plants at any angle desired to produce the proper decorative effect. Enameled green.

Height	Size of Plates	Price Each	Per Doz.
12 inch	5 x 7	$0.75	$8.25
18 "	5 x 7	.80	9.00
18 "	8 x 10½	.95	10.75
24 "	8 x 10½	1.05	12.00
24 "	8 x 12	1.15	13.25
30 "	8 x 10½	1.20	13.75
30 "	8 x 12	1.30	14.75
36 "	8 x 10½	1.30	14.75
36 "	8 x 12	1.40	15.75
42 "	8 x 10½	1.40	15.75
42 "	8 x 12	1.50	17.00
48 "	8 x 12	1.60	18.00
60 "	8 x 12	1.70	19.25
72 "	8 x 12	1.80	20.00

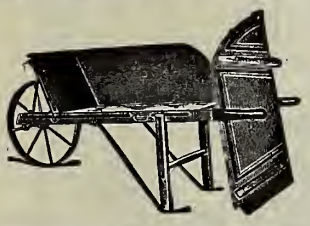
EXTRA PLATES FOR IRON STANDS

	For Superior		For Star Stands	
	Each	Doz.	Each	Doz.
5 inch	$0.22	$2.50	$0.20	$2.35
7 "	.30	3.30	.25	2.75
8 "	.40	4.50		
10½ "	.50	5.50	.40	4.40
12 "	.55	6.00		



WHEELBARROWS

MICHELL'S SPECIAL GREENHOUSE



Special Greenhouse Barrow

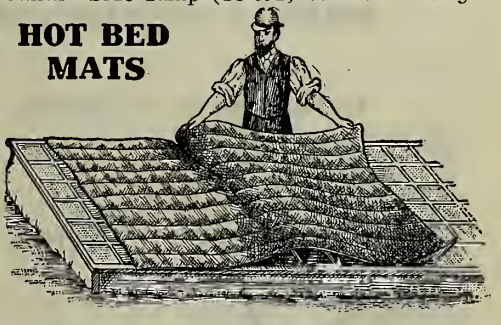
This is a very narrow barrow, designed for use in aisles of a greenhouse. Box measures inside 14 inches in front, 17 ins. in back, and 12 inches deep. Handles, 4 feet, 8 inches long. Spread of handles at hand hold 20 inches, which is extreme width of barrow. Furnished in 18-inch diameter wheel. Nicely painted and striped. Price, each, $4.50.

OTHER WHEELBARROWS

	No.	Tire In.	Length In.	Depth In.	Width in.	Price
Nu-Way	.	1½	26½	11	25	$5.00
Old Government		1¼	31	9	26	3.50
Eastern	.4	3	26¼	11½	27	4.25
"	.5	3	28¼	11¾	27	4.50
Jacobs	.2	1¼	24½	11	23	3.75
"	.3	1½	25½	12	24	4.25
"	.4	2	27½	14	26	4.50
Boys	.2	1	21¾	9¼	20	2.75

Canal—Side dump (bolted) 2.25

HOT BED MATS



The Burlap, and Duck and Burlap are the best mats that it is possible to procure. Rats and mice do not harbor in them, and they are otherwise practically indestructible.

Burlap. 76 x 76 inches, covering two regular size sash. Each, $1.40; doz. $16.00.

Burlap. 40 x 76 inches, for one sash. Each, 90c.; doz., $9.90.

Duck and Burlap. This style is waterproofed on one side. 40 x 76 inches. Each, $1.15; doz., $12.60.

Duck and Burlap. 76 x 76 inches. Each, $1.55; doz., $18.00.

We can supply the following mats any length desired:

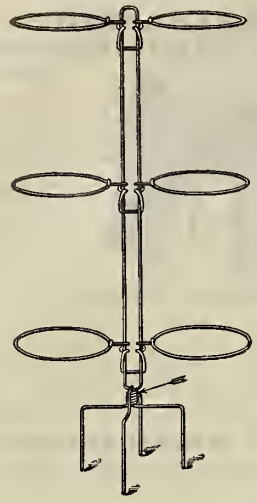
Duck and Burlap Mats. 76 inches wide at 26c. per running foot.

Plain Burlap Mats. 76 inches wide at 23c. per running foot.

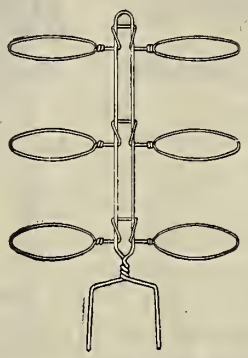
	Each	Doz.
Straw Mats. 3 x 6 feet	$0.90	$10.50
" " 6 x 6 feet	1.40	16.00

GREENHOUSE BROOM

Made of Japanese Fibre. No wear out to it. Price, 55c. each; 2 for $1.00.



Müller's Carnation Support



Richmond Double Support

MÜLLER'S DOUBLE SUPPORT

One of the best on the market, easily put together. After the rings are detached it folds flat, thereby requiring very little storage room when putting away.

Per doz., 65c.; $4.50 per 100; per 1000, $40.00.

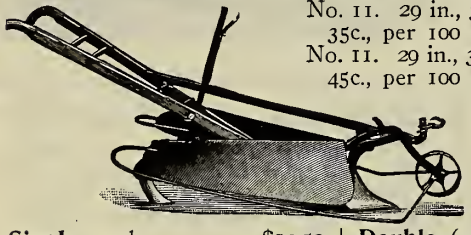
MODEL CARNATION SUPPORTS

	Per Doz.	Per 100	Per 1000
2 ring	$0.50	$3.25	$27.00
3 ring	.55	3.50	30.00

EXTRA PARTS FOR MODEL SUPPORTS

Extra rings	$0.60	$4.00
Extra tops	1.50	12.50
Extra bottoms for 2 ring supports	1.75	15.00
Extra bottoms, complete, for 3 ring supports	2.00	18.00

RICHMOND CARNATION SUPPORTS

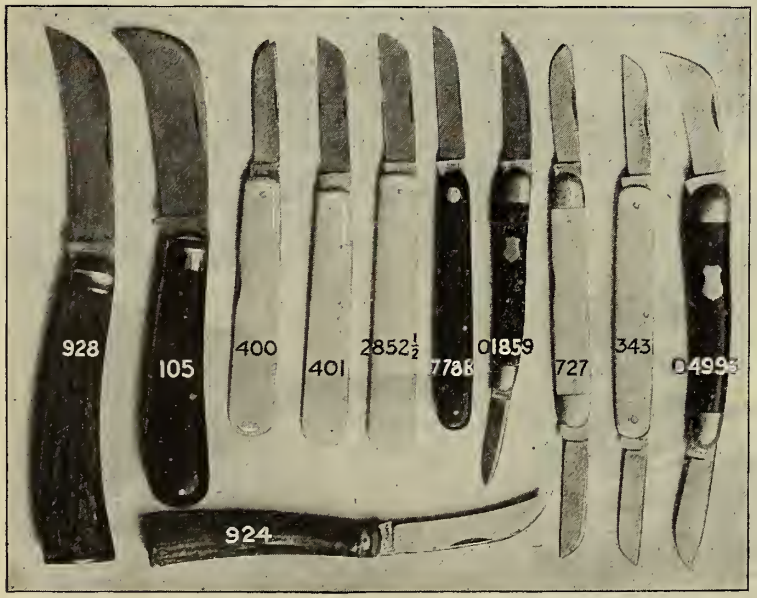


No. 11. 29 in., 3 ring, single, per doz. 35c., per 100 $2.50, per 1000 $23.50.
No. 11. 29 in., 3 ring, double, per doz. 45c., per 100 $3.25, per 1000 $30.00.

CELERY HILLERS

For banking up earth against Celery.

Single, each.....$12.50 | **Double** (see cut), each...$15.50



ROOFING PAPER, ETC.

For lining greenhouse sides, waterproofing roofs, etc.

	Sq. ft. per roll	Per rol
Celery Paper. For covering Celery Banks. $4.00 for five rolls	500	$0.90
Neponset Red Rope.	500	5.00
" " "	250	2.50
" " "	100	1.10
Tar or Pitch, 2-ply	100	.70
" " 3-ply	100	1.00
Paroid, 1-ply	108	2.40
" 2-ply	108	3.10
" 3-ply	108	3.80

Caps for tar paper. Lb., 7c.; 5 lbs., 30c.

Nails for tar paper. Lb., 7c.; 5 lbs., 30c.

ENGLISH GATHERING BASKET

Very convenient for carrying berry boxes, asparagus and other vegetables; also very suitable for gathering flowers, roses, carnations, enabling one to have both hands free; made of oak; 12 in. wide, 23 in. long, 4 in. deep. Price, 50c. each; doz., $5.50.

English Gathering Basket

OAK BASKETS

For fruit and vegetable harvesting; strongly made. These also make excellent baskets for placing weeds in when working among greenhouse plants.

1 bu. size, no handle, 65c. each; per doz., $7.25.

½ bu. size, no handle, 40c. each; per doz., $4.50

½ bu. size, with drop handle, 40c. each; per doz., $4.00.

½ bu. size, with stiff handle, 45c. each; per doz., $5.00.

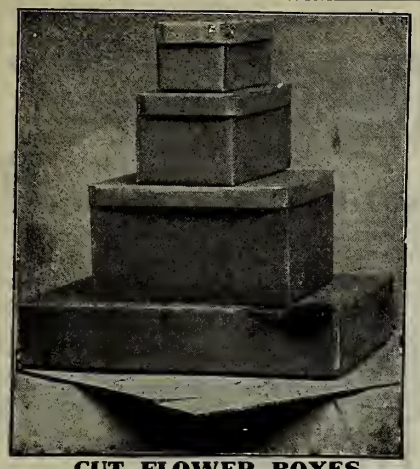
SPLINT BASKETS

	With Stiff Handle		Without Handle	
	Per doz.	Per 100	Per doz.	Per 100
¼ bu	$0.60	$4.50	$0.55	$4.25
½ bu	.65	4.75	.60	4.50
¾ bu	1.10	7.50	.90	7.00
1 bu	1.50	10.50	1.40	10.00

FLORISTS' HORTICULTURAL KNIVES

A good knife is an essential to every progressive florist. Our stock consists of such styles that are practical and in demand. They are all of the best steel, every one is guaranteed to be perfect and give good satisfaction. (See key to illustrations in opposite column.)

No.		Each
343	2 Blade Saynor, brass lined, ivory handle	$1.60
727W	2 Blade German, brass lined, white handle	.90
04993	2 Blade German, steel lined, ebony handle	.80
400	1 Blade Saynor, not lined, ivory handle	1.35
401	1 Blade Saynor, not lined, ivory handle	1.35
2852½	1 Blade German, not lined, bone handle	.90
928	1 Blade English, steel lined, stag handle	1.35
924	1 Blade English, steel lined, stag handle	1.00
778B	1 Blade German, brass lined, ebony handle	.60
105	1 Blade heavy German, steel lined, cocoa handle	.65
303	2 Blade Saynor Pruning, stag handle	1.10
01859	2 Blade Budding and Pruning	.75



CUT FLOWER BOXES

Used almost exclusively for carrying and shipping cut flowers; they are lighter than wooden ones, carry the contents as safely, will stand numerous trips, and when needed to be replaced involve small expense.

Special sizes to order in lots of not less than 100 of a kind. Price on application.

CORRUGATED PAPER

	Each	Doz.	100
48 x 14 x 8 inch	$0.50	$5.00	$37.50
42 x 14 x 8 inch	.30	3.00	21.00
36 x 14 x 6 inch	.25	2.50	17.50
30 x 8 x 5 inch	.20	1.75	11.00
24 x 8 x 5 inch	.15	1.50	10.00

Fifty of any one size at 100 rate.

STRAPS

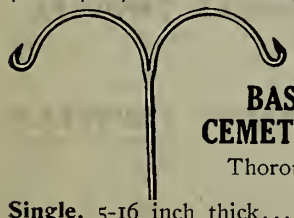
For carrying large cut flower boxes Eight feet long, of best leather, $1.75 each. Canvas Straps, 50c. each.

LIGHT WEIGHT PAPER BOXES

Size	Per doz.	Per 100	Per 1000
14 x 5 x 3	$0.30	$1.90	$18.00
20 x 4 x 3	.35	2.10	20.00
16 x 5 x 3	.35	2.10	20.00
18 x 5 x 3	.35	2.20	21.00
19 x 5 x 3¼	.40	2.60	25.00
18 x 7½ x 3½	.45	3.10	30.00
21 x 5 x 3¼	.45	3.10	30.00
23 x 5 x 3½	.50	3.30	32.00
21 x 7 x 3½	.50	3.30	32.00
21 x 8 x 4	.55	3.60	35.00
23 x 7 x 3½	.55	3.60	35.00
30 x 5 x 3½	.55	3.60	35.00
24 x 8 x 4	.60	4.00	39.00
24 x 8 x 5	.65	4.35	42.50
36 x 5 x 3½	.70	4.85	47.50
28 x 8 x 4	.75	5.10	50.00
36 x 6 x 5	.85	5.80	57.00

EXTRA HEAVY WEIGHT PAPER BOXES

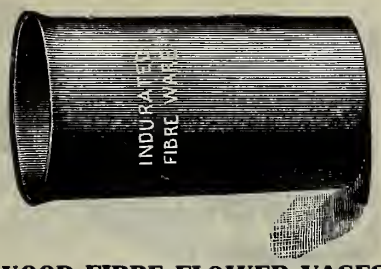
Size	Per doz.	Per 100	Per 1000
23 x 12 x 4	$0.85	$6.10	$60.00
28 x 8 x 5	.85	6.10	60.00
30 x 9 x 4	.85	6.10	60.00
36 x 8 x 5	1.00	7.60	75.00
23 x 12 x 5	1.00	7.60	75.00
30 x 9 x 6	1.10	8.10	80.00
30 x 12 x 6	1.50	10.25	100.00
30 x 14 x 8	2.00	15.25	150.00
36 x 12 x 6	2.00	15.25	150.00
40 x 14 x 7	2.75	21.00	200.00



BASKET OR CEMETERY HOOKS

Thoroughly galvanized

	Each	Doz.
Single, 5-16 inch thick	$0.35	$4.00
Double (see cut), 7-16 inch thick	.70	8.00



WOOD FIBRE FLOWER VASES

No.	Diam. inside	Depth inside	Each	Doz.
0	8 in.	13 in.	$0.56	$6.29
1	5½ "	10 "	.48	5.44
2	4½ "	9 "	.42	4.67
3	4 "	6 "	.35	3.91
4	3 "	4½ "	.27	3.06
00	9 "	21 "	2.10	23.80
000	9 "	29 "	2.68	30.85
11	5 "	18 "	.56	6.29
22	4½ "	15 "	.48	5.44
33	4 "	12 "	.42	4.67
44	3 "	9 "	.35	3.91

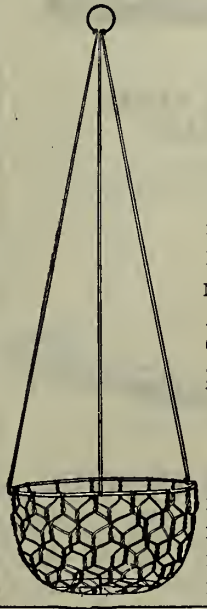
IDEAL FLOWER VASES

(Galvanized Iron)

Absolutely indestructible and unbreakable, made of heavy galvanized iron riveted and soldered so they cannot leak or come apart. The top and bottom are overturned, which serves as a reinforcement against wear. Fine for use in the greenhouse store or icebox.

No.	Deep	Diam. at top	Each	Doz.
1— 6	inch.	6½ inch	$0.40	$4.50
2— 8	"	9¼ "	.60	6.50
3— 9	"	7¾ "	.45	5.00
4—12	"	9¼ "	.65	7.00
5— 9	"	5½ "	.45	4.75
6—11	"	7 "	.55	6.00
7—13¾	"	8¼ "	.55	6.00
8—19	"	7⅜ "	.75	8.00

These vases with ordinary care will last many years.



WIRE BASKETS

Complete with Hanger.

Extra Heavy Style

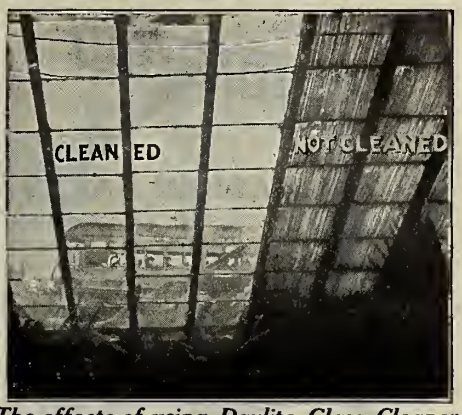
(See cut.)

These are extra well made and will last many years.

No.	Diam.	Each	Doz.	100
5	9 in.	$0.16	$1.70	$13.00
6	11 "	.20	2.25	17.00
7	14 "	.25	2.75	20.00

Light Style

	Each	Doz.	100
8 in.	$0.09	$0.90	$6.75
10 in.	.14	1.40	10.50
12 in.	.20	2.10	16.00
14 in.	.30	3.00	22.00
16 in.	.40	4.25	32.00



The effects of using Daylite Glass Cleaner

DAYLITE GLASS CLEANER

For taking off whitewash shading, etc.

Daylite Cleaner

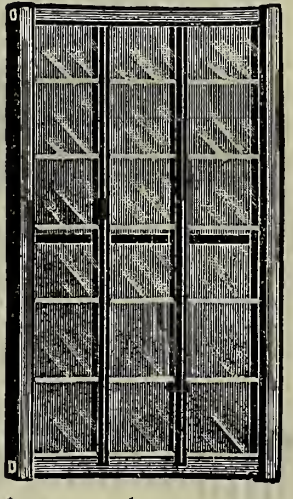
Is the most powerful cleaner on the market. It is self-acting—the minute it is put on the glass it commences to work for you. All you need to do is to apply it with a brush, leave it on a few minutes and rinse off with cold water.

Will not injure paint or putty.

Will always leave the glass clean and free from grease.

The cost of cleaning greenhouse glass is about one-fifth cent per square foot. One gallon will clean about 400 to 600 square feet of glass. Price, 1 gal., $1.00; 5 gals. for $4.50.

HOT BED SASH



Made of best quality cypress, 1¾ in. thick; 3 ft. 1½ in. wide, 6 ft. long. Glazed with 8 x 10 in. glass, 4 lights wide (not three, as illustration shows), laid in putty.

Plain, regular style, not glazed or painted. Each, $1.25; $14.50 per doz.

Glazed, regular style, including painting and puttying. Each, $3.00; $34.00 per doz.

All glazed sash are shipped at purchaser's risk, although we pack very carefully to insure safe arrival.

Packing Charges on regular style Glazed Sash only, 10c. each; per doz., $1.20 extra.

SUNLIGHT SASH (Double Glass)

Plain Unglazed....each, $2.25; doz., $25.00
Glazed and Painted.each, 4.35; doz., 50.00

Crating Glazed Sunlight Sash 15c. each extra.

Special Prices quoted on sash in large quantities or special sizes.

Our Garden Tool Department we believe to be the most fully equipped of any seed store in the United States.

STEEL GARDEN RAKES

Made of best cast steel, with long teeth for penetrating the ground.

6 tooth	$0.40	12 tooth	$0.50
8 tooth	.40	14 tooth	.55
10 tooth	.45	16 tooth	.60

STEEL GRAVEL RAKES

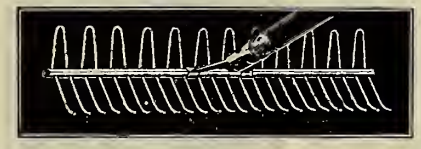
These rakes are used for road-raking and for paths. Having very short teeth they do not gather up stones or gravel.

12 tooth	$0.50	16 tooth	$0.60
14 tooth	.55	18 tooth	.65
20 tooth	$0.70		

STEEL BOW RAKES

Preferred by many to the regular garden rake. The teeth are slightly bent toward the operator.

11 tooth	$0.55	13 tooth	$0.60
15 tooth	$0.65		



Gibbs or Lawn Queen Rake

Made of heavy tinned steel wire. These are excellent for lawn or walk work. The rake is reversible and will answer several purposes.

24 tooth	$0.45	36 tooth	$0.65

OLE OLSEN LAWN RAKES

This rake head is slightly curved from the centre to each end which does not allow any material that has been caught by the teeth to slip around the edges.

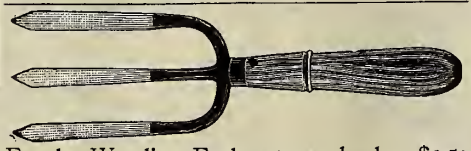
26 tooth, hickory wood. Price, 45c.

LAWN KING RAKES

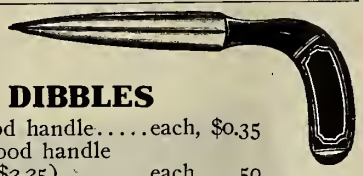
Made of best hard wood, thoroughly braced with iron. The most excellent wooden lawn rake in the market.

22 tooth	$0.25	38 tooth	$0.65
26 tooth	.45	50 tooth	.90

25c. each, doz. $2.50



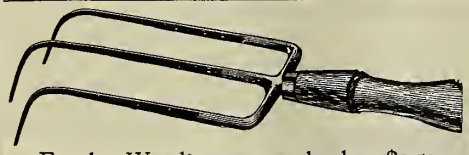
Eureka Weeding Fork, 25c. each, doz. $2.50



DIBBLES

Iron, wood handle.....each, $0.35
Brass, wood handle
(5 for $2.25).....each, .50

Hazeltine Weeder, 25c. each, doz. $2.50



Eureka Weeder, 25c. each, doz. $2.50

Yoder Weeder, 25c. each, $2.50 per doz.

JOHNSON'S STEEL TROWELS

These are made of one piece steel blade and shank, equal to the imported trowels.

		Doz.	Each
211.	5 inch	$3.25	$0.30
211.	6 inch	4.50	.40
211	7 inch	5.50	.50
211.	8 inch	6.50	.60

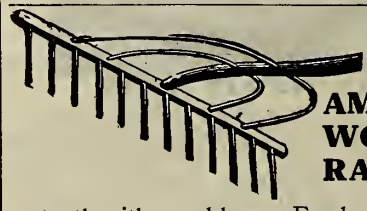
STEEL SHANK TROWEL

Many prefer these as they are somewhat longer in blade and handle, making a very practical tool. 6 in. blade. One of them will last a lifetime. 50c. each, doz. $5.50.

AUTOMATIC LAWN RAKE

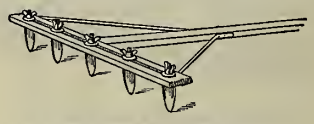
This rake is fitted with an unloading head. While raking, this head lies forward, and upon pressing the rake forward, the unloading head moves backward cleaning out the raking head entirely.

22 tooth	$0.45	38 tooth	$0.85
26 tooth	.55	50 tooth	1.25



AMES WOODEN RAKES

14 tooth with wood bows. For hay, etc.							$0.50
24	"	"	"	"	"	lawns	.65
24	"	"	steel	"	"	"	.70



MARKING RAKES

These are for marking out garden rows; adjustable brass teeth, which are set for any width row desired up to 4½ ft. Price, $5.00. (Extra teeth, 50c. each.)

HALF MOON HOES

Best steel, solid sockets, which will not pull out.

3-inch	$0.30	6-inch	$0.45
4-inch	.35	7-inch	.50
5-inch	.40	8-inch	.55

SQUARE HOES

6-inch, solid shank	$0.40
7-inch, solid shank	.45
8-inch, solid shank	.50

SQUARE CELERY HOES

10-inch	$0.75	14-inch	$1.15

CLEVE'S ANGLE TROWEL

For getting dandelion, plantain and other weeds out of the lawn, etc.

5-in.	$0.12	7-in.	$0.15	8-in.	$0.20

MISCELLANEOUS TROWELS

	Each	Doz.
No. 213—5-in., Thin Steel,	$0.08	$0.80
No. 213—6-in., Thin Steel,	.10	1.00
No. 5—6-in. Heavy Steel,	.20	2.00
Neverbreak—6-inch	.10	1.00

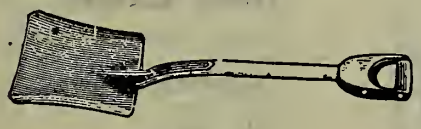
SPADING FORKS

Strapped shanks, short or D-wood handle. Made of best quality steel.

	Each
Men's, 4 tine	$0.90
" 5 "	1.05
Boys' or Ladies', 4 tine	.50

STEEL SPADES

	Each
Ames, Short Handle	$1.25
Maynard, Short Handle	1.25
Nursery (Ames), Short Handle	1.60
Imperial, Short Handle	.90
Long Handled Imperial	.90
Boy's	.75
English Turf	3.80



SHOVELS

We handle only the very best makes of steel shovels. Every one is guaranteed to give entire satisfaction.

Short Handle	Each
Ames, round point	$1.25
Ames, square point	1.25
Maynard, solid socket, square point	1.25
Maynard, solid socket, round point	1.25
Imperial, round point	.90
Imperial, square point	.85
Long Handle	
Ames, round point	$1.25
Imperial, round point	.90
Imperial, square point	.90
Featherweight, round point, 4¼ lbs.	1.10
Maynard, round point	1.25

LEAF RACKS, WATER BARRELS, ETC.

The truck is constructed so that the barrel may be attached quickly and the leaf rack or stone box may be detached.

Leaf Rack only, no truck	$5.00
" " with 1½ inch truck	10.45
" " " 2½ " "	11.00
" " " 3½ " "	12.00
Water Barrel with 1½ inch truck	9.75
" " " 2½ " "	10.50
" " " 3½ " "	11.00
Extra Barrels with trunnions	3.50
Keystone Leaf Rack	3.80

PRUNING SHEARS, ETC.

Our pruning shears are procured from the most reliable makers in America and Europe and all are fully guaranteed in every particular.

Wiss Pruning Shears

No.		
109	Wiss, 8 in.	$1.75
190	Henckle Pattern, 7½ in.	1.00
200	" " 8½ "	1.25
210	" " 9½ "	1.50
	Searight (Compound), 8½ in.	1.60

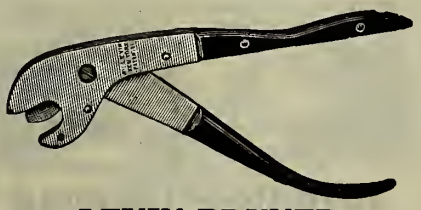
The Henckle patterns are equipped with a ratchet nut which takes up all wear and allows the shear to make a perfect cut.

88	Hessenbruch, 8 in.	.90
1537	German, 8 in.	.55
23	Ladies' nickeled, 4½ in.	.65
23	" " 5½ "	.75
23	" " 6½ "	.90
Perfection, 8 inch		1.75

FRENCH PRUNING SHEARS

These have a distinct, very easy working, spring and are especially desirable for one whose hand is liable to fatigue when pruning.

French, small, 7 inch	$1.10
" large, 8½ inch	1.35



LEVIN PRUNER

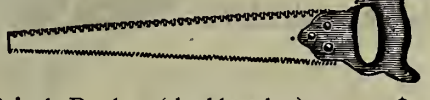
On account of its peculiar construction, the handle of this shear affords a great deal of leverage. Ideal for cutting stakes. Price, 60c.

Spiral Springs for Pruning Shears, 8c. each; per doz., 85c.

Springs for **French** Pruning Shear, 20c.

PRUNING SAWS

16 inch, single edge		$0.60
18	" " "	.70
20	" " "	.85
22	" " "	1.00



18 inch Duplex (double edge)		$0.75
20	" " " "	.85

Our Pruning Saws are procured from Disston Saw Works.

TREE PRUNERS

Disston's Pole Pruner

Pruner and Saw

Disston's Little Giant. (See cut)	$1.00
Disston's Little Giant. With saw attachment. (See cut)	1.35

TELEGRAPH TREE PRUNER

Price, $0.85.

HESSENBRUCH TREE PRUNER

No.	Price
5340	$1.10
1820	2.25
1806	1.60
1805	.65

Waters Tree Pruners

With removable cutting blade and pole complete.

4 feet	$0.65
6 "	.75
8 "	.90
10 "	1.00
12 "	1.10
14 "	1.35

Extra Blades for Waters Pruners, 20c. each.

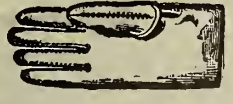
None of the above Tree Pruners except the Waters are equipped with poles or rope.

Searight Compound Lever Tree Pruners			
8 ft. Pole	$1.25	10 ft. Pole	$1.45
12 ft. Pole	1.60	14 ft. Pole	1.80

POLES for Tree Pruners.

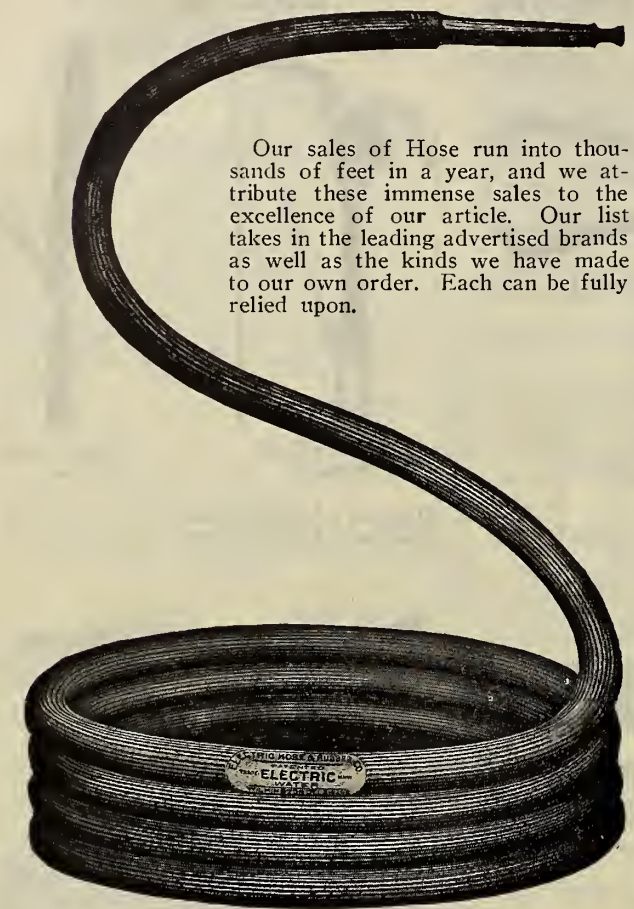
12 feet long, 1½ inches diameter			$0.60
14 " " 1½ "	"	"	.70
16 " " 1½ "	"	"	.90

LEATHER PRUNING GLOVES



Buckskin, pair	$1.75
Buckskin, with gauntlets, pair	2.00

Michell's Rubber Hose, Etc., For Florists



Our sales of Hose run into thousands of feet in a year, and we attribute these immense sales to the excellence of our article. Our list takes in the leading advertised brands as well as the kinds we have made to our own order. Each can be fully relied upon.

Rubber Hose

	Wt. per Foot	Per Foot
Bull Dog, ¾-in., 7-ply	6 ozs.	$0.15
Reliable, ¾-in., 3-ply	5 ozs.	.12½
" 1-in., 3-ply	7 ozs.	.21
" ¾-in., 4-ply	6 ozs.	.15
" 1-in., 4-ply	8 ozs.	.26
" ½-in., 4-ply	4 ozs.	.11
Standard, ¾-in., 4-ply	5 ozs.	.11
***Michell's Special,** ¾-in. (500 ft., $67.50)	5 ozs.	.14½
***Electric,** ¾-in. (500 ft., $78.00)	5 ozs.	.16
Electric, ⅝-in.	5 ozs.	.15
***Electric,** ½-in.	4 ozs.	.14½
***Revero,** ¾-in. (500 ft., $78.75)	5 ozs.	.16
Revero, ⅝-in.	5 ozs.	.15½
***Revero,** ½-in.	4 ozs.	.14
Spray Hose, ⅜-in.	3 ozs.	.11

P. S.—Brands marked * come in reels of 500 feet and sections in any length to that number of feet may be had.

Longer sections of hose coupled free. Smaller sections coupled at the rate of 15c. per pair for couplings.

Hose Washers. For inside and outside of couplings. 5c. doz.; ¼ lb., 15c.; 60c. lb.

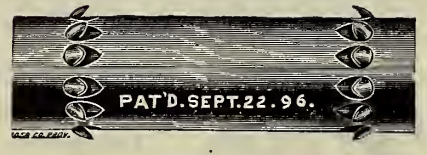
Hose Protectors. For fastening to greenhouse bench legs. Keep hose from wearing out. 25c. each; doz., $2.50.

Hose Bands

For fastening couplings and menders in hose.

No		Doz.	100
	CALDWELL'S		
8—For	3-ply hose	$0.15	$0.90
6—For	4-ply hose	.15	.90
	HUDSON'S		
½-inch		$0.15	$0.90
¾ inch		.18	1.00
	SURE GRIP		

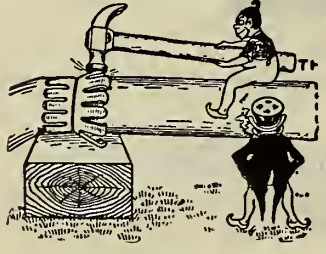
¾-inch, 4c. each; doz., 40c.; $2.75 per 100.



Hose Menders

	Each	Doz.	100
Cooper's—¾-in. and ⅝-in.	$0.07	$0.75	$5.75
" ½-in.	.07	.75	5.75
Hudson's—¾-in (brass)	.04	.42	3.00
" ½ " "	.04	.42	3.00
Jones'—¾-in. (iron)	.05	.45	3.50
Republic—(New.) All brass—no band required, ¾ in.	.13		1.40

Perfect Hose Mender

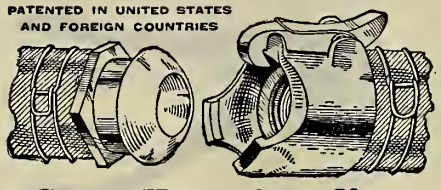


Made entirely of brass, with swivel motion — no band required.

For ¾-in. hose, 8c. each; doz., 80c.; $6.25 per 100.

Rubber Aprons

For protecting the clothing while watering or doing any work in the garden where your clothes could become soiled. Price, $1.50.



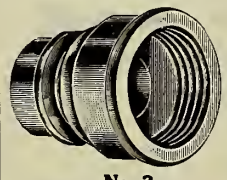
Snap Hose Coupling

Snap Couplings are entirely new and novel. They couple hose instantly, work on a spring and are watertight. 25c. per pair; doz. pairs, $2.65; $19.50 per 100.

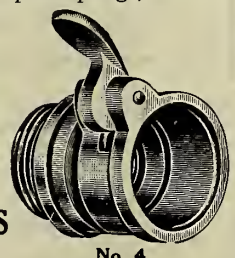
Snap Coupling Parts

No. 2—Male (see left-hand illustration above). 8c. ea.; doz., 85c.; $6.50 per 100.

No. 1—Female (see right-hand illustration above). 17c. ea.; doz., $1.90; $13.50 per 100. Washers for Snap-Couplings, 20c. doz.



No. 3



No. 4

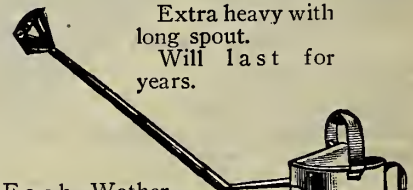
ACME COUPLINGS

No. 3, for spigot. 15c. each; doz., $1.40.

No. 4 part, for attaching to hose. 25c. each; doz., $2.40.

Couplings complete, consisting of one No. 3 and one No. 4 part, 35c. each; doz., $3.60.

Water Cans Wotherspoon's Make



Extra heavy with long spout. Will last for years.

Each Wotherspoon can, except the 2-qt. size, comes equipped with two roses, one coarse and one fine.

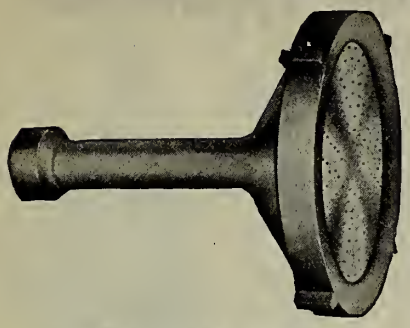
	Wotherspoon Make Round	Wotherspoon Make Oval	Light Galvanized Make
2-quart	$1.05		
4 "	1.44		$0.30
6 "	1.67	$1.89	.40
8 "	1.80	2.12	.50
10 "	2.03	2.34	.55
12 "	2.34	2.57	.65
16 "	2.84	3.20	.90
20 "			1.15

12-qt. **Manure Watering Can**.....$2.50

4-qt. **Fern or Low Watering Can**... 1.35

Extra Roses for Wotherspoon Watering Can, either coarse or fine, 30c. each.

WATERING APPLIANCES, ETC.



THE BINKS NOZZLE

Made of aluminum, with brass face, equipped with interchangeable sprays, coarse and fine. It makes watering possible without wetting the hands. Positively the best and most indestructible nozzle made. $2.40 each; worth twice the price.

BOSTON SPRAY NOZZLE

Boston

These render the same service as does the rose of a watering can. They are screwed on the end of the hose like any other nozzle. Coarse and fine screen, ¾-in. All Brass, 75c.; Copper (Sheet) 50c.

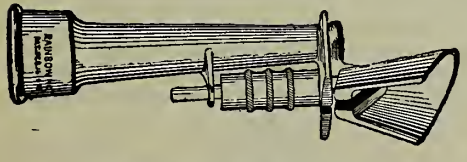
BOSS HOSE NOZZLE

For ¾-inch hose.
Price, 40c. each.

Boss

GEM HOSE NOZZLE

¾-inch hose. Can be regulated to give three different streams. Price, 30c.



RAINMAKER NOZZLE

This nozzle gives the same result as when the thumb is placed over the hose. All brass, adjustable, $1.50.

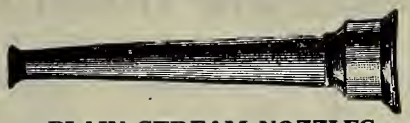
BRASS SYRINGES

No.	Diam.	Length		Price
99—	1½″	18″	Spray rose only	$2.25
101—	1¼″	14″	Spray rose and stream	1.75
101—	1½″	16″	" " " "	3.00
104—	1¾″	18″	2 " " " "	5.00
107—	1¾″	20″	(Adjustable)	4.50
Lewis (Sheet Brass) 1-qt. capacity				1.60

SPRAYWELL RUBBER SPRINKLERS

For sprinkling cut flowers or seedlings, etc.

Straight Neck.	6-oz. capacity	$0.55
Straight Neck.	10-oz. capacity	.75
Crook Neck.	6-oz. capacity	.55
Crook Neck.	10-oz. capacity	.75



PLAIN STREAM NOZZLES

For ¾-inch hose, each.....25c., 30c., 35c.

FERGUSON'S GREENHOUSE SPRAY

A brass pipe about 15 inches long, fitted with a fine and coarse spray. Ideal for red-spider spraying, as you can get under the leaves. This is the idea of a practical florist and we know it is all right. $2.50 each.

Ferguson Spray

BRASS HOSE COUPLINGS

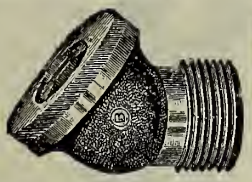
	Per pair	Doz. pairs
¾-inch and ½-inch	$0.12	$1.40
1 "	.30	3.25

HOSE REDUCERS

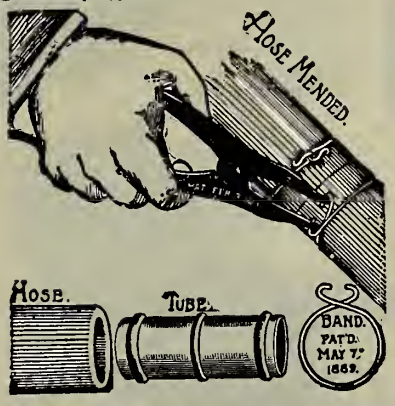
For reducing 1-in. pipe to fit regular ¾-in. hose. All brass. 30c. each.

HYDRANT ATTACHMENT

To be used for attaching hose to smooth faucets.



Royle Style, each.....$0.25
Boyd's Style, each..... .25

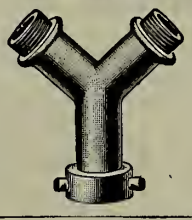


HUDSON HOSE MENDING OUTFIT

(For ¾-inch Hose)

Furnishes a complete outfit, consisting of 6 menders or connections, 18 bands or fasteners, and a pair of pliers for fastening bands. Price: Each, 55c.

SIAMESE HOSE CONNECTION



This permits one lead of hose to be diverted in two directions. Additional three-way connections can be used according to the water pressure. It is specially adapted for lawn sprinkling. Price, 65c. each.

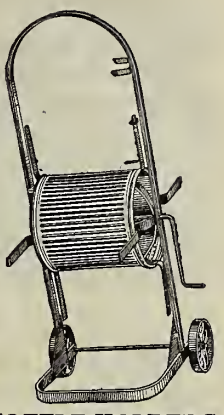
HOSE REELS—WIRT'S (All Iron)

No.	Capacity	Price
10	100 ft.	$2.50
20	150 ft.	3.00
30	400 ft.	4.50

VICTOR HOSE REEL

With black corrugated drum. Holds 100 ft. ¾-in. hose.

Price (see cut), $1.50.



NOZZLE HOLDERS

For sticking in the ground while one continues with other work. Made of galvanized heavy wire. Price, 10c.

PAINTED POT LABELS

	Per 100	Per 1000		Per 100	Per 1000
4	$0.09	$0.65	8	$0.35	$3.25
4½	.10	.75	10	.45	4.00
5	.12	.90	12	.60	5.50
6	.15	1.20			
18 in. (for field use)		3.00			27.50

TREE LABELS, ETC.

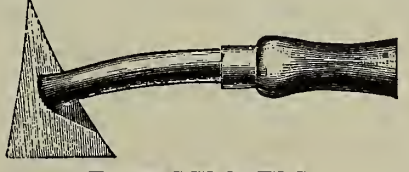
Iron Wired.	Plain wood	$0.10	$0.80
Iron Wired.	Painted wood	.11	.80
Copper Wired.	Plain wood	.12	1.00
Copper Wired.	Painted wood	.15	1.25

Copper Sheet. Wired, doz., 15c.; $1 per 100.
Zinc Sheet. Wired, doz., 15c.; $1 per 100.
Indelible marking Pencils, 5c. ea.; doz., 50c.

SHADING OR PROTECTING CLOTH

Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from sun and at the same time allowing ventilation.

		Yds. Per Piece	Price Per Yd.	Price Per Pc.
Light.	Brown cloth	60	$0.05	$2.60
Heavy.	" "	40	.12½	4.80
Medium.	" "	60	.09	4.80



TREE SCRAPERS

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened. Price, short handled, 50c.; long handled, 90c.

Sprayers and Insecticide Distributing Apparatus

No. 22 BINKS COMPRESSED AIR SPRAYER

Galvanized steel tank, 5 gallons capacity. Brass pumps with a patent clamping device, equipped with 3 feet of hose, spray nozzle, shut off cock and shoulder strap. *P. P. weight, 15 lbs.* Price, $5.75.

THE AUTO SPRAY

Auto Spray in Operation

It operates with compressed air; safe and efficient; liquid capacity, 4 gallons; pressure capacity, 40 lbs. No sprayer is sold under broader guarantee for efficiency and durability. They will successfully spray bushes, shrubbery and trees, the latter with the use of extension pipes. The brass tank sprayer is the best, as corrosive solutions can be used in it without injuring the same. Auto-Sprayers are not mailable.

No. 1-A **Brass** equipped with hose and regular nozzle, $6.00.

No. 1-B **Brass** equipped with hose and Auto-Pop Attachment, $6.50.

No. 1-C **Galvanized Iron** equipped with hose and regular nozzle, $4.00.

1-D **Galvanized Iron** equipped with hose and Auto-Pop, $4.50.

Auto-Pop Nozzle Attachment controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately, $1.35 each. *P. P. weight, 1 lb.*

DEMING KNAPSACK SPRAYERS

These are elegant for carrying around the garden among shrubbery, etc.

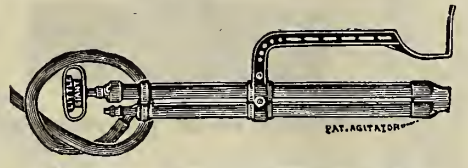
Fig. 675. Copper tank, holding about 5 gals., complete, with pump, nozzle and hose. Price, $13.75.

Fig. 564. Galvanized tank, holding about 5 gals., complete, with pump, nozzle and hose. Price, $9.00.

SPRAY BUCKET PUMPS

These are made entirely of brass except the foot rest, bucket fastener and hand grip. For years we have sold them with entire satisfaction. The prices below do not include bucket, but include nozzle and 3½ feet of ⅜-in. hose.

Success (without bucket fastener)...$3.70
Perfect Success (with bucket fastener) 4.15



MYER'S BUCKET PUMP

This is a double brass chamber arrangement, and fills the want of those desiring a medium-priced sprayer.

Price, $2.85, including hose and nozzle.

JUNIOR SPRAY PUMP

No. 5—For bucket use; the pump works on a spring device, making compression which discharges the liquid. Just the thing for the man with a small fruit garden, a few green-houses, or a hen house that needs spraying. Complete, with hose and nozzle. Price, $2.75. See cut opposite.

KANT KLOG SPRAYERS.

These operate with compressed air. Capacity, 5 gallons. Equipped with hose and nozzle.

Brass $5.75
Galvanized Iron 4.50

IRON AGE SPRAYER No. 197

A perfect outfit for gardens, small farms, poultry plants, etc.; capacity, 20 gals. Pump all brass with a 6-inch stroke, large air chamber with a 100-lb. pressure capacity; bronze brass ball valves of easy access. Equipped with a perfect agitator, 4 feet of extension rod with hand grip and 4 feet of ½-inch hose, stop cock and nozzle. $15.75.

OTHER IRON AGE SPRAYERS, not shown here; send for descriptive list.

No. 1901—Capacity, 50 gals.; equipped with 15 ft. ½-in. hose, 1 nozzle, $22.00.

Equipped with two 15-ft. lengths of ½-in. hose and 2 nozzles, $25.50.

No. 194—Equipped with a 50-gal. barrel, 15 ft. of ½-in. hose and nozzle, $17.25.

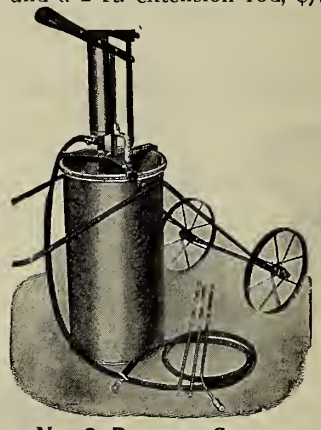
No. 194—Equipped with hose and nozzle only, $13.85.

Plain pump, without hose or nozzle, $9.50.

No. 194T—This is the same as the above pump equipped with a 2½-in. truck, barrel, 15 ft. of ½-in. hose and nozzle, $25.00.

No. 194T—Without hose or nozzle, $21.75.

No. 195—Really a duplicate of No. 197, except that it is equipped with a 16-qt. bucket and a 2-ft. extension rod, $7.50.



No. 3 Paragon Sprayer

THE PARAGON SPRAYER

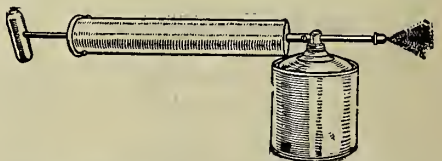
Especially desirable for the reason that it is not necessary to strain the material before pouring it into the reservoir; although we recommend that this be done; guaranteed to give absolute satisfaction. Excellent for applying whitewash or cold water paint.

No. 0—With a 3-gal. reservoir, 4 ft. of hose, nozzle and extension pipes. Price, $7.15.

No. 1—With a 5-gal. reservoir, 5 ft. of hose and 2 extension pipes, $9.50.

No. 3—Equipped with a 12-gal. tank mounted on a truck, three 2½-ft. extension pipes, 2 nozzles and 10 ft. of hose, $14.25.

No. 4—Mounted on a two-wheel truck; equipped with 10 ft. of extension pipe, 20 ft. of hose and 2 nozzles. Complete, $21.25.



AUTOMATIC COMPRESSED AIR SPRAYER (See cut)

This is the grandest hand sprayer ever offered, very easily operated.

Tin.....each, $0.90 | Brass..... $1.75

CYCLONE HAND SPRAYERS

Similar to the above, except they do not have the automatic air reservoir attachment. Tin, small, each, 20c.; tin, large, each, 40c.; brass, each, 80c.

Simplex Barrel Pump

One of Deming's very best sprayers. Fitted with brass cylinders. Equipped with an automatic agitator. Will throw a stream 40 feet. **Plain Pump,** no hose, nozzle or barrel. $7.15.

Outfit A—Pump, with 12½ ft. ½-in. hose, fitted with a Bordeaux or Vermorel nozzle and pole connection for reaching into trees, no barrel. $10.00.

Outfit B—Pump, with two 12½-foot sections of ½-in. hose, two Bordeaux or Vermorel nozzles, pole connection, no barrel. Price, $13.00.

Century Pump

A very powerful pump; working parts are entirely of brass; has large air chamber; also a perfect agitator and a long fulcrum link, which enables the operator to work the pump with little effort. The pump is largely submerged, which places it out of the way of all obstructions on the outside.

Price for plain pump, no barrel or hose, $10.00.

Price, complete, with 12½ ft. ½-in. hose and nozzle, no barrel, $13.00. Price, with two 12½-ft. leads, hose and nozzles, no barrel, $16.00.

Barrels, with trunnions ready to mount on truck, with cut head, $3.50.

Gardener's Choice Spray Outfit

Here is an equipment that is easily worth $5.00 more than we ask for it; truly it is the greatest value in spray pumps we have; the reservoir holds 25 gals.; the pump has brass cylinder, and it is a complete equipment with hose and nozzle. Just the proper thing for use in greenhouses with wide aisles or without benches. Price, $15.00.

Vaporizing Lamp

Practical and indestructible, all metal, burns kerosene, used for dispensing fumes of Nicotine, Tobakine and other preparations of this sort. 45c. each, doz., $5.00. P. P. weight, 1 lb.

Paris Green Shakers

Tin. For dusting vegetables, potatoes, small fruit and shrubbery, 45c. each. P. P. weight, 2 lbs.

Farmer's Favorite. (See cut.) Large double-action affair, $1.15 each. P. P. weight, 4 lbs.

Dickey Duster

Excellent for distributing Bug Death, Slug Shot, etc. Price, 23c.; P. P. wt., 1 lb.

"Acre an Hour" Sifter. 70c. each. P. P. weight, 2 lbs.

Copper Strainer

For straining whitewash, spraying material, etc. 90c. each. P. P. weight, 1 lb.

Sulphur Blower

For distributing sulphur and insecticides of various kinds. Made of heavy metal with no wearout to them. A man can dust a very large house in a few minutes, using one of these blowers. Price, $4.00.

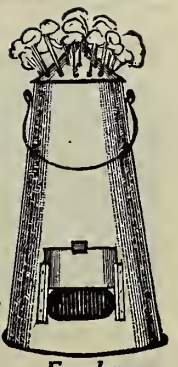
PARCEL POST SHIPMENTS

Where goods can be shipped in this manner, we have affixed the packed weight opposite. Where remittance accompanies order please include sufficient to cover mailing charges. Consult your post office for proper amounts.

Champion Gun

For distributing dry insecticides, of all kinds, indoors or out. Will save its price in material the first six months of use. Price, $7.50.

Fumigators



Perfection Make

Fitted with a Water Tank to prevent burning out.

No.			
1	for house,	12 x 40 ft.	$2.75
2	" "	15 x 100 ft.	3.25
3	" "	20 x 100 ft.	3.75
5	" "	20 x 150 ft.	5.00

Eureka Make

1	for house,	10 x 20 ft.	$1.00
2	" "	12 x 40 ft.	1.50
3	" "	15 x 100 ft.	2.00
4	" "	20 x 100 ft.	3.00

Eureka

Bellows

	P. P. Weight	
Large Double Cone	5 lbs.	$2.70
Large Single Cone	3 lbs.	1.80
Small Single Cone	2 lbs.	1.00
Liquid Spraying, Small	3 lbs.	1.35
Liquid Spraying, Large	4 lbs.	1.80
Sulphur Bellows		1.35

Copper Strainer

For straining whitewash, spraying material, etc. 90c. each.

Spray Nozzles ⅜ in. thread

Bordeaux and Vermorel	each, $0.70
Mistry, Jr.	.85
Winkle Mist	.70
Paragon style	.30
Duplex Vermorel (2 nozzles)	1.40
Triple Vermorel (3 nozzles)	2.15
Quadruple Vermorel (4 nozzles)	2.40
Duplex Mistry (2 nozzles)	2.75

For ¾-in. connections, add 25c.

Extension Pipes, Etc.

For reaching into trees (⅜-in. threads).

Bamboo, with brass tube, 8 ft.	$1.90
" " " " 10 ft.	2.25
Galv. Iron, 2 ft., for Auto Sprays	.25
Brass, 2 ft., for Auto Sprays	.40
Pet Cock, for extension pipes	.40

Iron Age. Fig. 419—Steel pipe 10 ft. long, with an angle connection, stop cock, 2 hand grips and drip guard, for ½-in. thread. Price, $2.75.

Iron Age. Fig. 420—Bamboo casing with brass pipe inside, with angle connection, stop cock, 2 hand grips and drip guard, 10 ft. long. Price, $3.60.

Extensions for Paragon Sprayers, 2½ ft.; 28c. each.

Putty Bulbs (*See Cut*)

The best appliance for distributing putty. One day's work by the old method of glazing can easily be done in four hours by the use of the distributor. Each, $1.00; P. P. wt., 1 lb.

Mastica

½ gallon.....$0.70 | 5 gallons.....$6.25
1 " ..... 1.35 | 10 " 12.00
Mastica Machine.....each, $1.35

Twemlow's Putty

16-lb. can (1 gallon).....$1.45
50-lb. kit (3 gallons)..... 4.25
80-lb. kit (5 gallons..... 7.00
10-gal. kit 13.75
½ barrel (25 gals.), $31.25; 50 gals., $57.50.

Hammond's Greenhouse White Paint

The manufacturer claims this paint is superior in quality and lower in price than any other material of the same character. It is largely used now in place of the ordinary grade of white lead.

Per gallon.....$1.85 | 10 gallons for.....$17.25
3 gallons for..... 5.50 | 25 gallons for..... 42.00
5 gallons for..... 9.00 | 50 gallons for..... 80.00

Shaderine

The best article for shading greenhouse glass; applied 3 or 4 times during the season.

5 lbs. for $1.00; $1.60 per 10 lbs.; 30-lb. keg, $3.60; 60-lb. keg, $6.00; 100-lb. keg, $8.00; 200-lb. keg, $14.00; 400-lb. keg, $24.00.

Wonder Glazing Cement (Permanite)

For waterproofing greenhouse gutters, roofs, etc., this gives splendid satisfaction; also for making sash bars watertight.

25 lbs.....$2.00 | Barrels (375 lbs.).....$18.75
150 lbs.....10.00 |

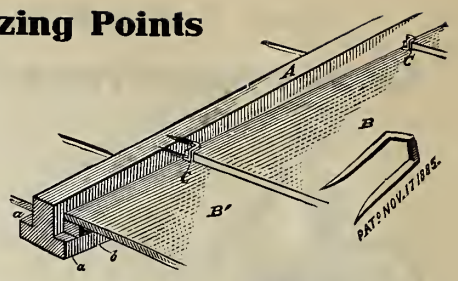
Glass Cutters

Small Diamond, Ebony Handle.....$2.50
Large Diamond, Cocoa Handle..... 3.75
Single Wheel, Steel.. .15
(Doz., $1.50)
6-Wheel Adjustable.. .30

Style 1—Thermostat. (*See Cut Below*)

This will be found far more reliable than the old method of having a thermometer attached to an ordinary thermostat and bell. Furnished complete with the exception of wire, battery and bell. All brass. *Not waterproof style*, $5.00; *Waterproof style*, $10.00. We can also supply recording thermometers.

Michell's Glazing Points



Nos. 1, 2, 2½ Tinned. Nos. 1 and 2 are for single-thick glass. No. 2½ for double-thick glass. 60c. per 1000; 5000 for $2.75. 1000 weigh 1 lb. If desired by mail, allow for postage.

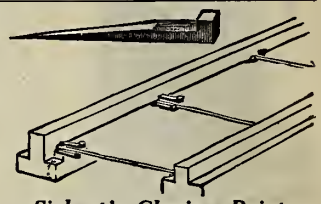
PINCERS, for driving Michell's Points, 50c. per pair.

Michell's Glazing Points

Siebert's Style Points (Zinc). Three sizes, ⅝, 6/8 and ⅞ inch, 50c. per lb.; 10 lbs., $4.75.

Siebert's Style (Brass). 60c. lb.; 5 lbs., $2.75.

ZINC NAILS, ⅝, ¾ and ⅞ inch, 45c. per lb.; 5 lbs., $2.15. If desired by mail, allow for postage.

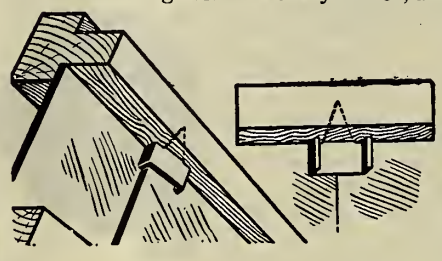


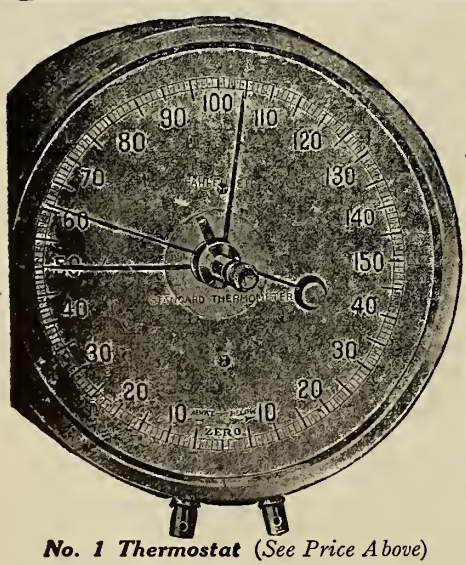
Siebert's Glazing Points

Especially valuable for securing **large** lights of glass. Made of zinc, will not rust. Will save lights of glass worth from 20 cents to 30 cents each. Price, $1.00 per 100.

Naumann's Brass Glazing Points

For many years there has been room for a brass glazing point that would be moderate in price. The "Naumann" is the invention of a practical florist, who knew the needs of the trade. In this point there are no rights or lefts. It is adapted either for single or double-thick glass. Is easily driven, and above all things is rust-proof, something that cannot be said of many other glazing points. It requires only 2 for each light of glass, which is held in position most securely. 1000 points (about 1 lb.) in a package, 80c. (allow postage if **desired** by mail); 10,000, $7.50.





No. 1 Thermostat (*See Price Above*)

Recording Thermometers

No. 200

The use of the Recording Thermometer in **large** growing establishments is becoming more essential as time goes on. It enables the proprietor or person in charge to know absolutely what the temperature has been in the greenhouse every minute of the previous night, thus creating a check on the fireman. A paper chart, marked with hours and temperatures by an automatic indelible ink pen, provides for it. The chart may be had to be changed daily, or the records for an entire week may be kept on one chart, whichever is desirable. The Thermometer itself is inclosed in a heavy metal frame and provided with a substantial padlock. Price, complete, $20.00. In ordering state whether weekly or daily charts are desired.

Michell's Reliable Thermometers for Florists

TESTED GRADES

No.		Each	Doz.
5420B.	8-inch, Tin Case	$0.40	$4.00
5420B.	10-inch, Tin Case	.55	5.50
5420B.	12-inch, Tin Case	.85	9.00
5154.	8-inch, Copper Case	.65	6.50
5154.	10-inch, Copper Case	.85	8.50
5100.	8-inch, Wood Back, Black Scale	1.10	12.00
5100.	10-inch, Wood Back, Black Scale	1.25	13.00
5232.	8-inch, Wood Back, Porcelain Scale	.80	9.00
5232.	10-inch, Wood Back, Porcelain Scale	1.00	11.00

STANDARD TIN CASE GRADE

5420W.	8-inch	$0.25	$2.75
5420W.	10-inch	.35	3.75

REGISTERING THERMOMETERS

Record the coldest and the warmest point during previous night. 8-inch, each, $2.50; per ¼ doz., $6.75; 10-inch, each, $2.75; per ¼ doz., $7.50.

HOT BED THERMOMETERS

Galvanized Iron Point (can't rust).....$0.90
Brass Point..... 1.35

Carnation Supports

	Per doz.	Per 100	Per 1000
Model, 2 ring	$0.50	$3.25	$27.00
" 3 ring	.55	3.50	30.00

Extra Parts for Model Supports

Rings, 60c. per 100, per 1000, $4.00.
Tops, $1.50 per 100, per 1000, $12.50.
2-Ring Bottoms, $1.75 per 100, per 1000 $15.00.
3-Ring Bottoms, $2.00 per 100, per 1000, $18.00.

RICHMOND SUPPORTS

	Per doz.	Per 100	Per 1000
No. 11. 29 in., 3 ring, single	$0.35	$2.50	$23.50
No. 11. 29 in., 3 ring, double	.45	3.25	30.00

MÜLLERS DOUBLE SUPPORT

One of the best on the market, easily put together. After the rings are detached it folds flat, thereby requiring very little storage room. Per doz., 65c.; $4.50 per 100; per 1000, $40.00.

Plant Stakes

No. 10 Steel Wire, Galvanized

	Per 100	Per 1000		Per 100	Per 1000
2 foot	$0.50	$4.10	4 foot	$0.95	$7.85
2½ "	.60	4.95	4½ "	1.15	8.80
3 "	.75	6.05	5 "	1.25	9.60
3½ "	.85	6.85	6 "	1.35	11.55
			6½ "	1.45	12.65

No. 8 Steel Wire, Galvanized

For staking American Beauty and other strong-growing roses..

	Per 100	Per 1000		Per 100	Per 1000
2 foot	$0.70	$5.75	4½ foot	$1.35	$11.80
2½ "	.80	6.85	5 "	1.60	12.90
3 "	.90	7.95	6 "	1.95	16.20
3½ "	1.05	9.60	7 "	2.30	18.70
4 "	1.25	10.70	8 "	2.55	21.70

GREEN PAINTED TAPERING PLANT STAKES

	Per doz.	Per 100		Per doz.	Per 100
1½ foot	$0.14	$0.90	3½ foot	$0.57	$3.60
2 "	.24	1.55	4 "	.68	4.35
2½ "	.35	2.20	5 "	.80	5.10
3 "	.46	2.90			

GREEN PAINTED HEAVY OR DAHLIA STAKES

	Per doz.	Per 100		Per doz.	Per 100
3 foot	$0.68	$4.40	5 foot	$1.15	$7.40
3½ "	.80	5.17	6 "	1.40	8.90
4 "	.95	5.90			

HYACINTH STAKES (Wood) Dyed Green

	Per 100	Per 1000	Per 5000	Per 10,000
12 inch	$0.15	$1.00	$4.25	$7.75
18 inch	.20	1.35	6.25	11.75
18 inch (heavy) 7/32 in. diam...	.30	2.50	11.25	21.50

HEADQUARTERS FOR CANE STAKES

	100	500	1000	5000
Southern, 8 to 9 ft., selected quality	$0.75	$3.25	$6.00	$27.50
Japanese, very thin, about 6 ft. long	.75	2.75	5.00	22.50

JAPANESE GREEN CANE STAKES

	100	500	1000		100	500	1000
1½ ft.	$0.35	$1 25	$2 25	3 ft.	$0.70	$3 00	$5.00
2 ft.	.45	1 75	3 25	4 ft.	.85	3 75	7.00
2½ ft.	.55	2.25	4.co				

UNPAINTED STAKES OR DOWELS

	Per 100	Per 1000
24 in. long, ⅜ in. diameter	$0.50	$4.00
24 " ¼ "	.45	3.75
36 " 5/16 " and 36 in. x 3/16 in., ea.	.65	5.25
36 " ⅜ "	1.00	9.00
36 " ¼ " and 36 in. x ⅜ in., each	.65	5.25
42 " 3/16 " and 42 in. x 5/16 in., ea.	.75	6.00
42 " ¼ "	.75	5.75
42 " ⅜ "	.75	6.00
42 " ⅜ "	1.25	10.50

The above dyed green, 10c. per 100 or 50c. per 1000 additional.

SQUARE PAINTED PLANT STAKES

	Doz.	100		Doz.	100
1½ ft.	$0.12	$0.90	3½ ft.	$0.54	$3.80
2 ft.	.20	1.40	4 ft.	.62	4.40
2½ ft.	.28	2.00	5 ft.	.85	6.00
3 ft.	.45	3.20	6 ft.	1.07	7.60

STAKE FASTENERS

Everlasting. Heavy, $1.60 for 500; 1000, $3.00.
Eureka. Light, 85c. for 500; 1000, $1.50.
Blakes. 80c. for 500; 1000, $1.50.

Corts Fastener

Florists' Special Twine

(See Cut)

For tying up flower boxes, designs, etc. Very attractive. Color, Nile green; in 1-lb. spools. 50c. lb.; 5 lbs., $2.25.

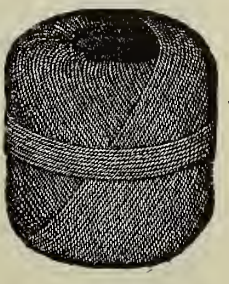
Raffiatape

This article is made of a composition of paper and linen, and is tremendously strong. It is about ⅛ in. broad, and is put up in 250-yd. spools or reels. There is no waste, as the reel permits it to be hung from a buttonhole, and it can be used as needed. Color, Nile green.

Per bolt of 250 yards, 50c.; 6 bolts, $2.75; $5.25 for 12 bolts.

Twines, Etc.

	Per ball	Per lb.
No. 12. Light Italian Twine	$0.16	$0.30
No. 18. Medium Italian Twine	.16	.30
No. 24. Heavy Italian Twine	.15	.28
No. 36. Heavy Italian Twine	.15	.28
2-Ply, 3-Ply, 5-Ply Jute	.10	.16
Linen Bouquet, 3 lbs., $1.10	.06	.40
Boston Linen, 2 and 3-Ply	.18	.30
Green Sea Island	.08	.40
Jefferson, 3-Ply, White Cotton	.07	.27
2-Ply Texas White Cotton	.05	.25
Tarred, for Mat Making	.17	
Tarred Sisal for Fodder		.11
Binder (5-lb. ball)	.60	
Express, very heavy	.15	

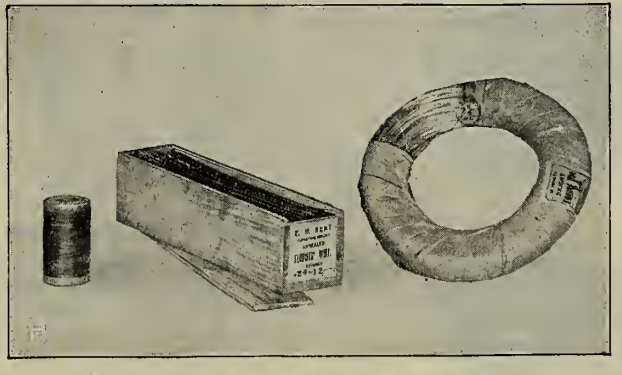


Green Silkaline. For stringing Smilax and Asparagus. Fast color and will not fade; very strong and will not break. Price, per lb. (8 spools), F, fine; FF, medium; FFF, coarse. Price, per spool, 20c.; $1.25 per lb.

Silkaline Substitute. A green linen thread, very similar to Silkaline; fast color. Per lb., 75c.; $3.50 for 5 lbs.

Headquarters for Raffia

We import this direct from Madagascar representatives who make a careful selection of long, broad strands for our trade.
Natural Color, 15c. lb.; 10 lbs., $1.40; $13.00 per 100 lbs.
Colored or Dyed. Submit sample of shade desired. 45c. lb.; 5 lbs., $2.10; $4.00 per 10 lbs.



Wire (Price subject to change)

ANNEALED Per 12-lb. stone		GALVANIZED Per 12-lb. stone	
No. 18	$0.65	No. 16	$0.75
No. 20	.70	No. 18	.80
No. 21	.75	No. 19	.85
No. 22	.80	No. 20	.90
No. 23	.85	No. 22	1.05
No. 24	.90	No. 24	1.20

No. 19, **Tinned,** cut 8½ in. long, 10-lb. box 1.10

Cut Bouquet Wire

For Stemming Flowers, Etc.

No. 20. Cut 9, 12 or 18 in. long, 10c. per lb., per box 12 lb., $1.10.
No. 22. Cut 9, 12 or 18 in. long, 11c. per lb., per box 12 lb., $1.20.
No. 24. Cut 9, 12 or 18 in. long, 14c. per lb., per box 12 lb., $1.40.

PLANT TUBS, POTS, ETC.

P.S.—The prices on clay flower pots, bulb pans and saucers are subject to a discount of 5 per cent. for cash with order, or if paid within 30 days.

Standard Flower Pots

These are carefully made and burned, selected and packed to reach customers in good order. No charges for packing.

	100	1000
1 inch (Miniature)	$0.31	$2.80
1¾ "	.31	2.80
2 "	.35	3.20
2½ "	.48	4.40
3 "	.62	5.60
3½ "	.75	6.80
4 " Doz., $0.15	.97	8.80
4½ " "	.22	1.32	12.00
5 " "	.28	1.76	16.00
5½ " "	.35	2.20	20.00
6 " "	.42	2.64	24.00
6½ " "	.55	3.36	32.00
7 " "	.68	4.20	40.00
8 " "	.95	5.88	56.00

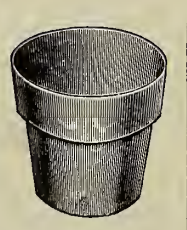
	Each	Doz.	100	1000
9 inch	$1.35	$8.40	$80.00
10 "	1.85	11.34	108.00
11 "	$0.25	2.40	15.12
12 "	.35	3.40	21.00
14 "	.50	5.50	42.00
16 "	1.10	11.00	84.00
18 "	1.50	16.50	126.00
20 "	2.20	23.00	168.00

ROSE POTS

2 x 2½ inch	$0.40	$3.60
2¼ x 3 "	.48	4.40
2½ x 3½ "	.60	5.20

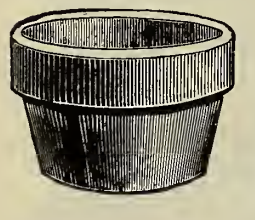
Azalea Pots

This is half way between a standard flower pot and a bulb pan. It is ideal for potting Azalea Ferns and similar plants.



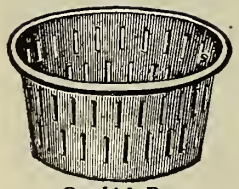
Width	Height	Each	Doz.	100	1000
5 inch	4½ inch	$0.03	$0.30	$1.76	$16.00
6 "	5 "	.05	.46	2.64	24.00
7 "	6 "	.08	.70	4.20	40.00
8 "	7 "	.10	1.00	5.88	56.00
9 "	7½ "	.12	1.25	8.40	80.00
10 "	8 "	.20	1.90	11.34	108.00

Bulb Pans (Earthenware)



	Each	Doz.	100	1000
6 inch	$0.05	$0.50	$2.64	$24.00
7 "	.06	.60	3.26	32.00
8 "	.07	.75	4.20	40.00
9 "	.10	1.00	5.88	56.00
10 "	.12	1.25	7.56	72.00
12 "	.20	1.75	10.50	100.00
14 "	.35	3.50	21.00	
16 "	.60	6.00	42.00	
18 "	.85	9.00	65.00	

Orchid Receptacles



Orchid Pan

Round Earthen Orchid Pans	Each	Doz.
4 in.	$0.09	$0.90
5 "	.12	1.30
6 "	.15	1.50
8 "	.20	2.00
10 "	.30	3.00

Square Earthen Orchid Baskets	Each	Doz.
4 in.	$0.12	$1.20
6 "	.20	2.00
7 "	.25	2.50

Fern Dish Liners

A few of these on hand will be found useful for filling ferneries, etc.

Fern Liner

Width	Height	Each	Doz.	100	1000
7 inch	1⅞ inch	$0.06	$0.60	$2.94	$28.00

Fern Pans (Earthenware)

Width	Height	Each	Doz.	100
4 in.	1⅞ in.	$0.03	$0.27	$1.32
4¾ "	2⅛ "	.04	.30	1.76
5½ "	2¼ "	.05	.37	2.20
6¼ "	2½ "	.06	.45	2.52
7 "	2⅝ "	.08	.49	2.94
8 "	3⅛ "	.09	.72	4.20
9 "	3¼ "	.13	.86	5.04

"Neponset" Paper Flower Pots

They are the cheapest flower pots on the market. These nest when stored, taking up very little space in the pot shed. Plants should not be transplanted directly into Neponset pots from the seed bed, as they are intended to lighten express charges in shipping plants by transferring from earthen pots into them when shipping. Made from the well-known **Neponset Water-Proof Fabric,** and for lightness, cleanliness and cheapness have no equal. Especially valuable for shipping plants by express.

Size	100	1000	Weight per 1000 pots
2¼	$0.30	$2.42	20 pounds
2½	.35	2.78	23 "
3	.45	3.82	33 "
3½	.65	5.24	44 "
4	$0.80	$6.60	38 pounds
5	1.20	10.96	56 "
6	1.65	14.68	74 "

500 Paper Pots, any of the above in one size, at 1000 rate

Fletco Paper Flower Pots

For starting early vegetables and flowering plants in greenhouses, hotbeds or cold frames these pots will be found indispensable. There is nothing quite so good for the potted strawberry plant business. Root your runners, ship and replant in the field without change. Several hundred thousand of these pots are used for strawberries every year. The labor cost of knocking plants out of clay pots and wrapping in paper will pay the whole cost of Fletco pots. For hardy perennials, and all plants to be wintered in cold frames, these pots are indispensable. No breakage from frost when Fletco pots are used. For shipping all kinds of greenhouse plants, there is nothing better and cheaper.

Size	Per 100	Per 1000
2 inch	$0.25	$2.10
2¼ "	.30	2.35
2½ "	.35	2.75

Square Earthen Seed Pans

A convenient device for sowing small quantities of seeds of different kind, enabling one to place them in whatever position they require in the greenhouse.

Seed Pan

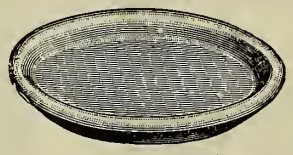
In.	Each	Doz.	In.	Each	Doz.
6 x 6	$0.15	$1.60	10 x 10	$0.25	$2.50
8 x 8	.20	2.00	12 x 12	.30	3.00

Flower Pot Saucers (Earthenware)

	Doz.	100		Doz.	100
4 in.	$0.13	$0.79	9 in.	$0.55	$3.36
5 "	.16	.99	10 "	.67	4.20
6 "	.23	1.32	11 "	.80	5.04
7 "	.27	1.68	12 "	1.00	6.30
8 "	.40	2.52	14 "	1.65	10.50

Flower Pot Saucers

Made of Wood Fibre Ware



Unbreakable. Are not porous and will protect woodwork, tables, etc., on which plants are to stand.

	Each	Doz.	100		Each	Doz.	100
4 in.	$0.10	$1.08	$8.32	10 in.	$0.16	$1.80	$13.72
5 "	.11	1.25	9.69	12 "	.18	2.04	16.15
6 "	.12	1.32	10.09	14 "	.24	2.76	21.40
7 "	.13	1.40	10.89	16 "	.42	4.68	37.20
8 "	.13	1.48	11.71	18 "	.50	5.64	44.41
9 "	.15	1.68	12.92				

Krick's Pot Hangers

Made of galvanized wire especially designed for either suspending plants and to be used in lifting them out of jardinieres, tubs, etc.

	Doz.	100
No. 1. For 3 to 5-in. pots	$0.20	$1.50
No. 2. For 6 and 7-in. pots	.25	1.75
No. 3. For 8 to 10-inch pots	.35	2.00

Perfection Single Wire Pot Hanger

Suitable for any size pot up to 8 inches, made of heavy galvanized wire, 15 inches long. 50c. per doz.; per 100, $3.00.

PLANT TUBS, ETC.

White Cedar Plant Tubs

With black iron hoops. Our cedar tubs are all made of extra quality wood by hand, and will be found far superior in every way to the regular machine-made tub. Measurements are outside.

Cedar Plant Tub

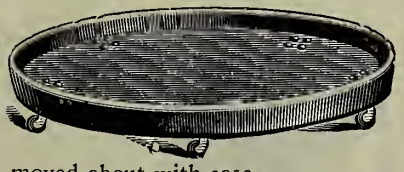
	Diam.	Length of Stave	Price
No. 0	27 in.	24 in.	$4.75
No. 1	25 "	22 "	4.25
No. 2	23 "	21 "	3.75
No. 3	21 "	18 "	3.25
No. 4	19½ "	16 "	2.65
No. 5	18 "	14 "	2.40
No. 6	16½ "	13 "	1.85
No. 7	15 "	11 "	1.60
No. 8	12 "	10 "	1.50

White Cedar Plant Tubs
With Extra Heavy Galvanized Hoops

Tubs with galvanized hoops are not carried in stock, but can be made to order on very short notice.

No. 0	$5.15	No. 5	$2.65
No. 1	4.60	No. 6	2.15
No. 2	4.15	No. 7	1.85
No. 3	3.65	No. 8	1.70
No. 4	2.95		

Rolling Stands
Made of Indurated Fibre Ware



Water cannot soak through. Every heavy plant sold needs one to save carpets and floors. Can be moved about with ease.

Whenever you sell a tub recommend one of these to your customer, who will appreciate the suggestion.

Size	Each	Doz.	Size	Each	Doz.
12 in. diameter	$0.50	$5.61	18 in. diameter	$0.81	$9.18
14 " "	.59	6.63	20 " "	.99	11.22
16 " "	.72	8.16	22 " "	1.24	14.02

Wood Fibre Plant Tub

Wood Fibre Plant Tubs
Complete With Saucer

Plain	Each	Doz.
10 in. diameter	$0.59	$6.63
12 " "	.68	7.65
14 " "	1.35	15.30
18 " "	3.60	40.80
Enameled Green		
10 in. diameter	$0.86	$9.69
12 " "	1.04	11.73
14 " "	1.80	20.40
18 " "	4.50	47.25

Iron Vases

For holding cut flowers on cemetery lots and graves.

No.	Painted Green	Each	Doz.
3	Small	$0.20	$2.25
2	Medium	.30	3.25
1	Large	.35	3.75
	Galvanized		
3	Small	.30	3.25
2	Medium	.40	4.25
1	Large	.55	6.00

Enameled Cemetery Vases

Painted green; made of tin and carefully enameled.

	Each	Doz.	100
1 Large	$0.20	$2.25	$16.00
2 Small	.15	1.75	13.00

Michell's Keystone Plant Tubs

Plants, large or small, appear always to better advantage when planted in tubs instead of pots. They are easier handled because they are much lighter in weight; they are more attractive and bring a higher price. Tubs have welded hoops, except bottom hoop, which is flat (and neat handles, when desired, at extra prices, as mentioned below). Unlike pots, they do not break, nor do they require special packing when used in shipping. Made of white cedar, they are by far the *cheapest, neatest, lightest* and *best* florist tub put on the market.

Size No.	Inside Top Diam.	Inside Depth	Each	Doz.	Per 100
1	6	6	$0.25	$2.50	$20.00
2	7	7	.28	3.00	24.00
3	8	8	.30	3.25	25.00
4	9	9	.35	3.50	26.00
5	10	9	.40	3.75	30.00
6	11	10	.45	4.75	37.50
7	12	11	.50	5.75	47.50
8	13	12	.65	7.00	57.50
9	14	13	.70	7.75	62.50
10	15	14	.80	8.75	71.00
11	16	15	.95	9.75	77.50
12	17	16	1.00	11.25	92.00
13	18	17	1.30	14.00	115.00
14	19	18	1.45	17.00	135.00

If stamped steel side handles are wanted add 7 cents to the price of each Tub in single or dozen lots; 6 cents each in 100 lots.

Special Pail Tub No. 2

The best low-priced palm Tub on the market, painted green, with electrically welded hoops. Made of best quality Southern cedar, and is a Tub of a kind the florist can afford to buy by the hundred, they are so cheap. There is no comparison between a plant in a tub and a plant in a pot. The former will always command an extra price that will more than offset the cost of the Tubs several times. Diameter inside, 10¾ inches at top; diameter inside, 8¾ inches at bottom; depth, 8 inches. 30c. each, dozen $3.00, $22.50 per 100. Be sure and specify Pail Tub when ordering this.

Headquarters for INSECT DESTROYERS

Prices Subject to Market Changes

Antipest (Carman's). For destroying red spider scale and green fly. Qt., 45c; 65c. per ½ gal.; gal., $1.25; $5.00 per 5 gals.

Ant Exterminator. A powder that is used for distributing around buildings, on the greenhouse benches, on lawns, gardens, and any other places infested by ants. Per ¼ lb., 18c.; per ½ lb., 35c.; per lb., 60c.; $2.75 per 5 lbs.

Aphine. For destroying aphis, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about 1 part to 40 of the latter. ¼ pt., 25c.; 40c. per ½ pt.; per pt., 65c.; $1.00 per qt.; gal., $2.50.

Aphis Punk. A paper that has been thoroughly saturated with nicotine. Used for fumigating, giving off dense fumes of nicotine. Excellent for aphis, thrip, white and green fly, also red spider. (For use in greenhouses only.) Per pkg., 60c.; $6.50 per 12 pkgs.

Arsenate of Lead (*Bowker's Disparene*). (See Disparene.)

Arsenate of Lead (*Powdered*). This is used the same as the paste form. It is more economical to ship and goes farther in use, dissolves instantly in water; 1 lb. dilutes to 50 gallons. 1 lb., 30c.; $1.40 for 5 lbs.; 10 lbs., $2.60; 25 lbs., $5.50; $10.50 for 50 lbs.; 100 lbs., $19.00.

Arsenate of Lead (*Paste*). For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds, especially valuable for spraying to prevent the codling moth. It comes in paste form, and dilutes 1 lb. to 25 gals. water. Per lb., 20c.; 70c. per 5 lbs.; per 10 lbs., $1.35; $2.70 per 25 lbs.; per 50 lbs., $5.00; per 100 lbs., $9.00.

Black Leaf 40. A concentrated solution of nicotine sulphate, an excellent spray for black aphis and sucking insects of all kinds; dilutes 1 part from 100 to 1,000 parts of water, according to treatment; full directions on each package. 25c. for 1 oz. bottle; ½ lb., 75c.; $2.50 for 2 lbs.; 10 lbs., $10.75.

Boro-Wax. For painting trees to destroy and keep away borers. 33c. qt.; ½ gal., 55c.; 1 gal., 95c.

Bordeaux Mixture. Used principally for mildew, blight and fungous diseases that affect potatoes and fruit trees, etc.

Paste or Pulp Bordeaux. One part dilutes to 50 parts of water. Per qt., 35c.; 90c. per gal.; 5 gals., $4.00.

Quick Bordeaux (in dry form). 1 lb., 18c.; 5 lb. sack makes 25 gals. liquid, price, 60c.; 10-lb. sack makes 50 gals. liquid, price, 90c.

Bordeaux Arsenate. Enables one to apply a fungicide and an insecticide at one operation; one lb. dilutes to 5 gals. of water, 18c. lb., 5 lbs., 75c.; $1.30 per 10 lbs.; 25 lbs., $3.00

Bug Death. Largely used instead of Paris Green. It is claimed to have the same effect. The manufacturers say that it acts as a fertilizer as well as an insecticide. It comes in powder form, and is applied pure. Not poisonous to persons. Per lb., 15c.; 35c. per 3 lbs.; per 5 lbs., 50c.; per 12½ lbs., $1.00; $7.50 per 100 lbs. (Special Shaker for Bug Death, 23c.)

Carbolineum (*Arvenarius*). A germicide and disinfectant for purifying poultry houses, stables, cow barns, etc., also an excellent wood preserver when used as a paint. $1.40 per gal. can.

Copper Solution. Made of sulphate of copper and other materials. Excellent spray for carnation rust and diseases of the grape, pear, apple and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Per qt., 50c.; $1.60 per gallon.

Cut Worm Destroyer (Reade's). For killing cut worms, grubs, maggots and other insects that work in the soil; positively a sure remedy; full directions with each package. 1 lb., 23c.; $1.15 for 10 lbs.; 25 lbs., $2.25; $6.75 for 100 lbs.

Cyanide Potassium. (*For fumigating.*) ¼ lb., 20c.; 45c. lb.

Dalmatian, or Persian Powder. For ridding buildings of all kinds of various insect pests, particularly for the smaller and creeping kinds, as it is not strong enough to destroy large or more hardy insects. 12c. per ¼ lb.; per lb., 40c.; $1.75 per 5 lbs.

I. X. L. Compound. An English preparation for spraying; harmless to very delicate plants; kills mealy bug, red spider and all insect pests. In gallon cans only. $3.50 per gal.

Fir Tree Oil Soap. This is very much like the Fir Tree Oil except that it is in the shape of soft soap, and many prefer to use it in that way. It is dissolved according to directions in warm or hot water and used as a spray or wash. Per ½ lb., 20c.; 65c. per 2-lb. can.

Fungine. An excellent article for fungous diseases of all kinds. Qt., 75c.; $2.00 per gal.

Grape Dust. A powder preparation used for mildew, aphis, black fly, and other insects and fungous diseases, principally in greenhouses. Per 5 lbs., 35c.; 65c. per 10 lbs.; per 25 lbs., $1.50; $5.25 per 100 lbs.; bbls. of 200 lbs. (bulk), $10.00.

Hellebore. The ideal material for destroying rose bugs, currant worms and other soft-shelled insects that infest the garden. It can be applied dry or in liquid form. Per ¼ lb., 8c.; 12c. per ½ lb.; per lb., 22c.; per 5 lbs., $1.05; per 10 lbs., $1.90.

Getz-There Soap. For washing palms. 2 lbs., 30c.; 80c. for 8 lbs.; $1.90 per 25 lbs.; 50 lbs., $3.50; bbl., 5½c. per lb.

Hydrocyanic Acid Gas. (See bottom of page 69.)

Kerosene Emulsion. Diluted in water this makes an excellent spray for all mild forms of scale, and soft lice of any kind such as infect rose and fruit bushes, vegetables and trees. Liquid dilutes 1 part to 20 parts of water. (Liquid.) Per qt., 35c.; per gal., 90c. *Paste*, lb., 18c.; 70c. per 5 lbs.; 25 lbs., $2.85.

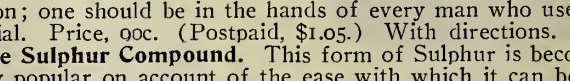
Kil-o-Scale. Destroys and prevents the spread of scale insects of all kinds. Its chief use is the destruction of the San Jose Scale, which prevails in all parts of this country. It is diluted, one part Kil-o-Scale to twenty parts water. Per pt., 30c.; 50c. per qt.; per ½ gal., 75c.; per gal., $1.25; $5.00 per 5 gals.; per 25 gals., $21.25; per 50 gals., $42.50.

Lemon Oil Insecticide

The Best and Cheapest Insecticide in the Market. Used now by nearly all the leading growers. It effectually destroys Mealy Bug, Scale, Thrip and Red Spider.

Half Pint, 20c. **Pint, 35c.**
Quart, 65c. **Half Gal., $1.10**
Gal., $1.75 **5 Gal. Kegs, $8.00**
10 Gallon Kegs, $15.00

Lime Sulphur. For destroying San Jose Scale. This is in concentrated form which is diluted 1 gal. to 12 or 15 gals. water, either hot or cold. May be used as a summer or winter spray, excellent to use as a fungicide. 1 gal., 60c.; $1.50 per 5 gals.; 10 gals., $2.60; $4.75 per 25 gals.; 50 gals., $7.25. (1 qt., 23c.)



CARBONDALE HYDROMETERS

These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime Sulphur solution; one should be in the hands of every man who uses this material. Price, 90c. (Postpaid, $1.05.) With directions.

Soluble Sulphur Compound. This form of Sulphur is becoming very popular on account of the ease with which it can be handled. It is quite an economy in shipping, as you do not have to pay freight on water. It dilutes at the rate of 1 lb. to 6 gals. of water, and is soluble instantly in cold water. 1 lb., 22c.; $1.10 for 5 lbs.; 10 lbs., $1.40; $3.00 for 25 lbs.; 50 lbs., $4.75; $7.50 per 100 lbs.

Nicoticide. Used as a spray or as a vapor, principally in the latter way, it is placed in a tin saucer with lamp underneath, and the nicotine fumes are thus distributed. It is very effective in destroying thrip, aphis, white fly and red spider, etc. Per ¼ pt., 60c.; per ½ pt., $1.15; per pt., $2.25; per qt., $4.25; $8.00 per ½ gal.; 1 gal., $15.00. (Special price in larger quantities.) Lamps for Nicoticide, 50c. each.

Nikotiana. For spraying and fumigating. $1.50 per qt., per gal., $4.50.

Nikoteen. A most satisfactory spray as well as vapor, excellent for green fly in greenhouses. 40c. for 1¾ ozs.; ½ pt., 85c.; $1.50 per pt.; 5 pts., $7.00; $13.00 per case of 10 pt. bottles; per ½ gal. (4 lbs.), $5.00; per gallon (8 lbs.), $10.00.

INSECT DESTROYERS—Continued

Nico=Fume (*Liquid*). This is used in very much the same way as Nicoticide. Per ¼ lb., 50c.; $1.50 per lb.; 4 lbs., $5.50; $10.50 per 8 lbs.; five 8-lb. cans for $50.00; $97.50 for ten 8-lb. cans; twenty 8-lb. cans, $189.00.

Nico=Fume. This is a paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. Preferred by many, who do not wish to spray or vaporize. Per box, 24 sheets, 85c.; $4.00 per 144 sheets; per 288 sheets, $7.50; $35.75 for 5 cans, 288 sheets each; 12 cans, $84.00; $162.00 for 24 cans.

Paris Green. The chief merit of this article is the destruction of the potato bug. It may be used in liquid form, 1 pound in 50 gallons of water, or with Land Plaster at the rate of 1 pound Paris Green to 100 pounds Land Plaster. 8c. per ¼ lb.; per ½ lb., 15c.; 30c. per lb.; $1.20 per 5 lbs.; per 14 lbs., $3.00.

Pyrox (*Bowker's*). A pasty substance used for all leaf-biting insects. It is really a Bordeaux and Arsenate of Lead combined and is excellent. Dilute 1 lb. to 5 gals. water. 25c. per lb.; 5 lbs., $1.00; $1.75 per 10 lbs.; 25 lbs., $4.00; $7.50 per 50 lbs.; $13.50 per 100 lbs.; 200 lbs., $26.50; $60.00 per 500 lbs.

Readeana Rose Bug Exterminator. A poisonous preparation which dilutes in water. Used for destroying green fly, mealy bug, blight, mildew, etc. Will not injure flowers. Trial bottle, 23c., 8 oz., 45c., 90c. per 24 oz., $3.75 per gal.

Scalecide (*Soluble Crude Oil*). Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons of water. Scalecide does not clog nozzles or pump. 45c. per qt.; per gal., $1.00; $3.25 per 5 gals.; 10 gals., $6.00; $16.00 per 30-gal. bbl.; per 30 gal. jacketed tin, $15.00; $25.00 per 50-gal. bbl.

Scale Destroyer (*Soluble Oil*). A combination of mineral and vegetable oils, and has many excellent scale destroying properties. Dilute at various strengths according to season. Per qt., 35c.; 65c. per ½ gal.; per gal., $1.00; $3.75 per 5 gals.; 10 gals., $7.50; 25 gals., $12.50; per 50 gals., $23.00.

Shoo Fly. For keeping flies off cattle and horses, used with a sprayer or a sponge, the cattle and horses are either sprayed or rubbed with the preparation in the morning before being put in the field or out to their day's work. Per qt., 35c.; $1.00 per gal.

Slug Shot. The standard remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. 15c. per canister; per 5 lbs., 30c.; 60c. per 10 lbs.; 25 lbs., $1.50; $2.50 per 50 lbs.; 100 lbs., $5.00. Full bbl. lots (about 250 lbs.), 4½c. per lb., f. o. b. Factory; 4¾c. per lb., f. o. b. Phila.

Styptic (*Thomson's*) For use in pruning. 90c. per bottle.

Sulphate of Copper. For destroying fungous diseases of all kinds, also used in making Bordeaux mixture. Where used as a Bordeaux mixture it requires four pounds Sulphate of Copper to 6 pounds Lime, which is diluted in 50 gallons of water. Per lb., 10c.; 90c. per 10 lbs.; 50 lbs., $4.00; $7.50 per 100 lbs.

Sulphur (*Flowers*). Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale when it is used in connection with lime and salt. Per lb., 6c.; 25c. per 5 lbs.; 25 lbs., $1.10; $3.50 per 100 lbs.; Barrel lots of about 200 lbs. at 3¼c. lb.

Sulphur Candles. For fumigating in sick-rooms, also in conservatories and greenhouses. Large, 15c. each; per doz., $1.75; small, 8c. each; per doz., 85c.

Sulpho Tobacco Soap. An excellent article for the person with a few plants. Especially good for destroying scale on palms and other plants. Soluble in warm water. Per 3-oz. package, 8c.; 15c. per 8-oz. package; in 10-lb. cakes, $2.00 per cake; 25 lbs., $4.50.

Sulphocide. An excellent summer spray for fungous diseases, combining Bordeaux Mixture and Lime Sulphur. 50c. pt.; qt., 75c.; $2.00 per gal.; 5 gals., $7.50.

Thymo Cresol (*Sheep Dip*). This preparation is used for disinfecting, etc. Per 4-oz. bottle, 25c.; 40c. per 8-oz. bottle; 50c. per pint; per qt., 70c.; $1.10 per ½ gal.; per gal., $2.00.

Tobacco Dust. Excellent for dusting on Lettuce and other plants to destroy soft, creeping insects. Per lb., 5c.; 20c. per 5 lbs.; per 10 lbs., 35c.; 75c. per 25 lbs.; 100 lbs., $2.50; $11.25 per 500 lbs

Tobacco Dust (*Special Dusting or Special Fumigating*). A specially prepared, finely ground article, either kind. 5 lbs., 25c.; 25 lbs., 85c.; $1.50 per 50 lbs.; 100 lbs., $2.50; $11.25 for 500 lbs.

Thrip Juice (*Hammond's No. 2*). Effective for exterminating Aphis, Red Spider, Mealybug, etc. Pt., 55c.; 90c. per qt.; $3.10 per gal.

Tobacco Soap (*Sulpho*). This is excellent for washing off palms and plants such as Oleanders, Camellias, etc. Soluble in water, making an excellent preparation for washing animals. 3 oz., 8c.; 15c. for 8 oz.; 10 lbs., $2.00; $4.50 for 25 lbs.

Tobacco Stems (*Fresh*). Used principally for fumigating and under benches in greenhouses. They may also be steeped in hot water and used as a spray. Per lb., 5c.; 40c. per bu.; per bbl. bag, 75c.; per large bale, $1.50; $5.50 per half-ton; per ton, $10.00.

To=bak=ine Fumigating Paper. Very much like Aphis Punk, which it resembles. It is used in exactly the same way as Aphis Punk. Per package of 24 sheets, $1.00; $4.50 per 144 sheets; $8.00 per box of 288 sheets.

To=bak=ine Liquid. Similar to Nicoticide; it is used in the same manner, and is practically the same, excepting that it is made by a different factory, and they claim for it everything that goes to make up a first-class insecticide; two grades, fumigating and spraying, state which is wanted when ordering. Per ⅛ pt., 50c.; ¼ pt., 75c.; $1.35 per ½ pt.; per pt., $2.50; $9.00 per ½ gal.; per gal., $17.50; $85.00 per 5-gal can.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band, and insects and other crawling pests cannot get over it. Per lb., 28c.; 3-lb. cans, 80c.; 10-lb. cans, $2.50; 20-lb. cans, $4.50; $8.50 for 40-lb. cans.

Vaporite. Vaporite is a gray non-poisonous powder which, when it comes into contact with soil, gives off a vapor. This vapor kills all underground insects such as Wireworms, etc. Vaporite is for soil application—not for the leaves of the plant. Vaporite should be uniformly distributed on the surface or in the soil among the insects, so that the gas evolved may destroy them. 1 to 1½ lbs. is enough for a cubic yard of soil (about 1 cart load). 50c. per 5 lbs.; 25 lbs., $1.75; $3.25 per 50 lbs.; per 112 lbs., $6.25.

Vermine. For sterilizing soil to destroy worms, maggots, etc. ½ pt., 40c.; 65c. pt.; qt., $1.00; $3.00 per gal.

Whale or Fish Oil Soap. For mild forms of Scale, also an excellent summer spray. Dissolved in water according to various purposes. Per ½ lb., 8c.; 15c. per lb.; per 5 lbs., 55c.; $1.00 per 10 lbs.; per 25 lbs., $1.60; $6.00 per 100 lbs.

Whale Oil Soap (*Goods Caustic*). Used extensively as a tree spray and as a summer remedy for San Jose Scale, it comes in a soft soap form and is easily dissolved, 1 lb. to 10 gals. water. 18c. per 1-lb. can; 5-lb. can, 70c.; $2.25 per 25-lb. can; 50 lbs., $3.50; $6.00 per 100 lbs.; 425-lb. bbl. at 5½c. per lb.

Vapor Cones (*Lethorion Nicotine*). An English invention, providing nicotine in a solid form; these cones are used for fumigating. No. 1 will fumigate 750 cubic feet. 18c. each; doz., $1.75. No. 2 will fumigate 1,500 cubic feet. 25c. each; doz., $2.50. No. 3 will fumigate 2,500 cubic feet. 35c. each; doz., $3.75.

Worm Eradicator (*Reade's Electric*). Used indoors as well as outdoors, for destroying worms in pots, tubs, benches; in tennis courts and putting greens. Apply with a sprinkling can or otherwise. Small size, 23c.; 8 oz., 45c.; 90c. for 24 ozs.; gal., $3.75.

Worm Destroyer. Used extensively, being applied to grass plots, putting greens, etc. *Michell's Brand.* 112 lbs., $3.50; $17.50 for 560 lbs.; 1,120 lbs., $32.00; $60.00 per 2,240 lbs. *Carter's Brand.* In 100-lb. bags only. Per 100 lbs., $3.75; $18.00 for 500 lbs.

HYDROCYANIC—ACID GAS—CYANIDE POTASSIUM—FUMIGATION as given to us by a practical gardener. Very Poisonous to human beings and animals. Put four ounces of water in a galvanized iron pail, add to this two ounces of Sulphuric Acid, wrap an ounce of Cyanide of Potassium in paper and place it in the bucket which should be placed near the door of the greenhouse to afford quick exit; the moment the Cyanide strikes the liquid it generates a poisonous gas which must not be inhaled. The above charge is sufficient for 1000 cubic feet of space. Don't open the greenhouse for at least 12 hours. One of the ventilating sash should be arranged so it can be opened from the outside to allow the fumes to escape entirely before entering. This is claimed to be the only and best remedy to absolutely kill the white fly. It is claimed that it will not injure the most delicate plant, but the user should take great care of himself.

Cyanide, ¼ lb. 20c., 45c. lb.; **Sulphuric Acid,** 25c. lb.

The Price on all Insect Destroyers is subject to Change.

FERTILIZERS

Our List embraces the very best and most modern kinds. We are headquarters in Philadelphia, and can quote special prices on car-load quantities.

Prices Subject to Market Changes

Animal Base and Potash. An ideal fertilizer for most all farm and garden crops. Apply 400 to 600 lbs. per acre. 200 lbs., $3.00; $25.50 per ton.

Ashes. *Canadian Hard Wood.* Apply 1000 lbs. per acre. For top dressing lawns and grass fields, it is applied to best advantage either in very early spring or late fall. 25c. per 10 lbs.; 25 lbs., 40c.; 75c. per 50 lbs.; 100 lbs., $1.35; $2.50 per 200-lb. barrel; per ton, $21.00.

Ashes. *Domestic Hard Wood.*

(See 3d cover page.)

Acid or Rock Phosphate. Used for mixing with other fertilizers. In 200-lb. sacks only, $1.75; $13.50 per ton.

Asparagus Fertilizer (*Animal Base and Potash Compound*). This promotes the root and top growth. Apply 600 lbs. per acre. 60c. per 25 lbs.; 50 lbs., $1.00; $1.75 per 100 lbs.; 200 lbs., $3.25; $27.50 per ton.

Basic Slag. (See Phosphate.)

Bon Arbor. A concentrated chemical fertilizer similar to Bonora, but less expensive; used in liquid form according to directions. LIQUID: $1.80 per gal.; 5 gals., $8.50. POWDER, dilutes 1 lb. to 30 gals. water: 5 lbs., $1.60; $11.00 per 50 lbs.; 100 lbs., $18.00.

Blood (*Dried*). Apply 300 lbs. per acre. For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., $1.00; $1.85 per 50 lbs.; 100 lbs., $3.25; $6.00 per 200 lbs.; per ton, $55.00.

Blood, Bone and Potash (*Potash and Truck Special*). The best fertilizer for the truck patch or garden; combines every element of plant food valuable for all vegetable crops. Owing to European conditions this cannot be supplied at present.

Blood Flour. Apply 200 lbs. per acre. Much like dried blood, except that it is finer and acts almost instantly. (Price, f. o. b. Chicago, $4.00 per 100 lbs.; 200 lbs., $7.75; $35.50 per ½ ton; per ton, $70.00.) Price, f. o. b. Philadelphia, 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., $1.25; $2.25 per 50 lbs.; 100 lbs., $4.50; $8.50 per 200 lbs.; 1000 lbs., $40.00; $78.00 per ton.

Bone, Pure Fine Ground. For top dressing, potting soil, etc., not quite so high in analysis as the "Special Florists' Brand." 200 lbs., $3.25; $30.00 per ton.

Bone Meal (*Michell's Special Florists' Brand*). Apply 600 to 800 lbs. per acre. Made from pure raw bone, without any addition of materials. The ideal bone for rose beds and greenhouse use. 3 lbs., 12c.; 20c. for 5 lbs.; 10 lbs., 35c.; 65c. per 25 lbs.; 50 lbs., $1.15; $2.00 per 100 lbs.; 200 lbs., $3.75; $35.00 per ton.

Bone (*Coarse Cracked*). For use in making up compost or soil heaps. 200 lbs., $4.50; $40.00 per ton.

Bone (*Coarse Ground*). Apply 600 to 800 lbs. per acre. Prepared from raw bones, exactly like bone meal, except that it is not so fine, or quick in action, is used for the same purposes. 5 lbs., 20c.; 30c. per 10 lbs.; 25 lbs., 70c.; $1.25 per 50 lbs.; 100 lbs., $2.25; $4.00 per 200 lbs.; per ton, $36.00.

Bone Flour (*Pure*). Apply 600 lbs., per acre. Very fine, like dust, effective almost immediately, can be used for indoor or outdoor purposes. 5 lbs., 25c.; 35c. per 10 lbs.; 25 lbs., 75c.; $1.25 per 50 lbs.; 100 lbs., $2.25; $4.00 per 200 lbs.; ton, $35.00.

Bone Flour (*Special Superfine Grade*). Finely pulverized and bolted. Effective immediately. For rose growing this cannot be excelled. Rich in phosphoric acid and ammonia. Get a sample of this. Packed in 100-lb. bags only. *Price, f. o. b. Philadelphia,* $2.50 per bag; 200 lbs. for $4.25; $20.00 for 1000 lbs.; $38.00 per ton. *Price f. o. b. Chicago,* 500 lbs., $9.00; $34.00 per ton.

Bonora. Directions for use are on each package. It may be used in either dry or liquid form; excellent for greenhouse and pot plants or vegetable forcing. 25c. per trial pkg. (by mail 30c.); 50c. per lb.; $2.50 per 5 lbs.

Chrysanthemum Manure (*Thomson's Special*). Especially recommended and used by the leading gardeners of England and America. Very highly concentrated. Can be used in liquid and in dry form. Per 28-lb. sack, $4.00; per 56-lb. sack, $6.75.

Climax Lawn Sand. (See Lawn Sand.)

Clay's Fertilizer. An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 5 lbs., 50c.; 95c. per 10 lbs.; 28 lbs., $1.75; $3.25 per 56 lbs.; 112 lbs., $6.00.

Copperas (*Sulphate of Iron*). For destroying lawn and farm weeds as well as acting as a gentle fertilizing stimulant; it dilutes 100 lbs. to 50 gals. of water, which is sufficient to spray an acre. 25 lbs., 65c.; $1.10 per 50 lbs.; 100 lbs., $1.60; $2.25 per 200 lbs.

Cotton Seed Meal. Apply 600 lbs. per acre. Exceedingly rich in potash and ammonia, making it excellent for use as a grass and grain fertilizer; for putting greens it is invaluable. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 75c.; $1.25 per 50 lbs.; 100 lbs., $2.25; $4.00 per 200 lbs.; ton, $38.00.

Corn Phosphate. (See Phosphate.)

Cow or Cattle Manure (*Pulverized*). Some growers prefer this to the shredded kind and to sheep manure. It is thoroughly sterilized and weedless. *Price, f. o. b. Chicago,* 100 lbs., $1.25; $5.50 for 500 lbs.; 1000 lbs., $9.50; $18.00 per ton. *Price, f. o. b. Philadelphia,* $1.50 per 100 lbs.; 500 lbs., $7.00; $13.00 per ½ ton; ton $25.00.

Cow or Cattle Manure (*Shredded*). One sack of this is equal to one cartload of fresh cow manure. It is convenient to handle, making it possible for everyone to get this usually scarce article at all times. It takes up very little space and is indispensable for any fertilizing purpose. F. o. b. Philadelphia, 25 lbs., 50c.; 85c. per 50 lbs.; 100 lbs., $1.50; $6.50 per 500 lbs.; 1000 lbs., $12.00; $23.00 per ton. F. o. b. Chicago, 100 lbs., $1.25; $5.00 per 500 lbs.; 1000 lbs., $9.00; $17.00 per ton.

Dissolved Bone. Apply 600 to 800 lbs. per acre. Used principally for indoor culture, although it is highly recommended for a grass top dressing. 200-lb. sacks only, $3.25; $30.00 per ton.

Fish Guano or Dried Fish. Apply 300 to 400 lbs. per acre. For truck and plant forcing this is recommended. Also used to mix with other fertilizers to increase the ammonia analysis. In 200-lb. sacks only, $6.25; $57.50 per ton.

Farmo-Germ. A nitrogen-gathering bacteria to be used when planting or sowing seeds of leguminous plants, such as clover, peas, beans, etc. It makes possible to grow Alfalfa where it often can otherwise not be grown, it increases the yield and makes it possible for plants to gather free nitrogen from the air equal in value to 150 lbs. nitrate per acre. Crops treated with Farmo-Germ leave the ground rich in nitrogen for the next succeeding one. Ask for special pamphlet on Farmo-Germ. Garden (¼ acre) bottles, 50c.; $2.00 per acre bottle; 5-acre bottles, $6.00. Always specify in order for what crop Farmo-Germ is desired.

Guano (*Peruvian Substitute*). Of very high analysis in all necessary plant food elements and extensively used in place of Peruvian guano, which has become extremely scarce. This cannot be supplied at the present time.

Horse Manure. (See Manure.)

Humus (*Alphano*). This material is a natural deposit of decomposed vegetable matter, taken from the bottom of a drained lake. We had it reported on by several experiment stations, who report it worthy of its extensive use. It is rich in ammonia, potash and phosphoric acid, and is ideal for mixing either with poor or even rich soil, and as a top dressing on lawns or golf courses. Flowers, vegetables, grass and other crops thrive luxuriantly where Alphano is used. For entire renovating poor ground it is spread about six inches deep. For a top dressing one inch of depth is sufficient. A cubic yard equals approximately 1000 lbs. Put up in 100-lb. bags, $1.00; $4.50 per 500 lbs.; 1000 lbs., $8.00; $15.00 per ton. Price, f. o. b. factory in bulk car lots, $8.00 per ton.

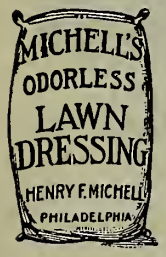
MICHELL'S HIGH GRADE FERTILIZERS

(ALL PRICES SUBJECT TO MARKET CHANGES)

Horn Shavings. Used principally for mixing in potting soil, is rich in ammonia; especially valuable in chrysanthemum growing. 5 lbs., 30c.; $1.15 per 25 lbs.; 50 lbs., $2.20; $4.00 per 100 lbs.

Kainit (*Potash Salts*). Apply about 800 to 1000 lbs. per acre. Excellent for potatoes, corn and other grains. On account of European complications we are unable to print prices on Kainit; will fill orders at lowest prevailing rates.

Land Plaster. Apply about 1000 to 1500 lbs. per acre. For top dressing, sour and wornout soils, also for mixing with Paris Green. 25c. per 25 lbs.; 50 lbs., 35c.; 60c. per 100 lbs.; 200 lbs., $1.10; $9.00 per ton.



Lawn Dressing (*Michell's Odorless*). Apply 500 to 600 lbs. per acre. A quick stimulant for lawns and grass lands. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 85c.; $1.50 per 50 lbs.; 100 lbs., $2.50; $4.00 per 200 lbs.; per ton, $37.50.

Lawn Sand (*Climax*). A weed destroyer as well as a fertilizer, containing a large percentage of nitrogen. Will be found very valuable for lawn use. For best results follow the directions on the packages. 3½-lb. tin, 30c.; 60c. for 7 lbs.; $1.00 per 14-lb. tin; 28 lbs., $1.60; 56 lbs., $2.80; $4.80 per 112-lb. keg; 560 lbs., $20.00.

Limestone (*Pulverized*). For applying on sour and worn-out soils at the rate of 1 ton per acre. Put up in 100-lb. bags; no less quantity sold. 75c. per bag; 1000 lbs., $5.50; $9.00 per ton.

Lime (*Hydrated or Powdered*). For mixing with earth or other purposes where a soil sweetener is needed. 100-lb. sack, $1.00; 500 lbs. for $4.00; $11.00 per ton.

Manure. At short notice we can usually supply first-class horse, cow and stock-yard Manure in carload lots only. Prices quoted on request.

Nitragin. For inoculating clover, legumes, etc. ¼-acre size, 50c.; $2.00 per acre bottle; 5-acre bottle, $9.00.

MAPES FERTILIZERS	F. o. b. Phila. 200 lbs.	F. o. b. Phila. Ton	F. o. b. Factory 200 lbs.	F. o. b. Factory Ton
Complete Manure, for general use	$4.85	$48.00	$4.75	$47.00
Complete Manure, for average soils	4.95	49.00	4.85	48.00
Complete Manure for light soils	5.55	55.00	5.45	54.00
Corn Manure	4.85	48.00	4.75	47.00
Early Vegetable and Truck Manure	5.50	51.00	5.00	47.00
Potato Manure	5.25	52.00	5.15	51.00
Vegetable Manure, for all soils	5.50	51.00	5.00	47.00

Muriate of Potash. Apply 100 to 150 lbs. per acre, usually with other fertilizers. This must be used with great care, as it is very powerful. Excellent for potatoes, corn, grains, etc. Analysis, equal to 50% actual potash. On account of European complications when this catalogue was printed we were unable to quote prices on potash; will fill orders at lowest prevailing rates.

Plant Food (*Bowker's*). Small pkgs., 13c. each; doz., $1.35; $10.50 per 100; large pkgs., 20c.; $2.25 per doz.; per 100, $16.00.

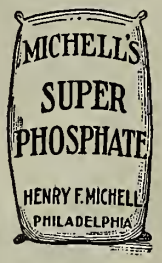
Plant Food (*Michell's*). 10c. per 6-oz. pkg.; $1.00 per doz.; 100, $8.00.

Nitrate of Soda. Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute 2 ozs. to 1 gal. of water and do not apply oftener than twice a week. 5 lbs., 35c.; 65c. per 10 lbs.; 25 lbs., $1.30; $2.25 per 50 lbs.; 100 lbs., $3.00; **$5.75 per 200 lbs.**; ½ ton, $27.50; $54.00 per ton.

Phosphate (*High Grade Ammoniated*). For all vegetable crops, grain, grass, etc. Apply 500 to 600 lbs. per acre broadcast. 5 lbs., 15c.; 25c. per 10 lbs.; 25 lbs., 50c.; 85c. per 50 lbs.; 100 lbs., $1.60; $3.00 per 200 lbs.; $24.00 per ton.

Phosphate for Corn (*Phosphate and Potash*). Apply 500 to 600 lbs. per acre. This contains the necessary ingredients to produce a bumper crop of either field or sugar corn. 200 lbs., $3.00; $12.00 per ½ ton; ton, $23.00.

Phosphate (*Michell's Hi-Grade Potato*). Apply 400 to 600 lbs. per acre. The best fertilizer for potatoes, being especially rich in every ingredient on which potatoes thrive. 200 lbs., $3.75; $17.00 per ½ ton; ton, $34.00.



Phosphate (*Basic Slag*). Used extensively for top dressing lawns, grass and grain lands. Contains the proper elements to produce a rich, luxuriant growth. Apply 600 to 800 lbs. per acre. $2.50 per 200 lbs.; per ton, $21.00.

Potato Manure (*Baugh's*). Apply 400 lbs. per acre. The principal fertilizer for potatoes in this section, being especially compounded for this purpose. 25 lbs., 60c.; $1.00 per 50 lbs.; 100 lbs., $1.75; $3.25 per 200 lbs.; ton, $28.00.

Poudrette (*Native Guano*). Apply 1000 lbs. per acre. Extensively used for gardens, lawns, in making compost, and in fact wherever a good, quick-acting fertilizer is wanted. It is odorless and easily handled. 5 lbs., 15c.; 25c. per 10 lbs.; 25 lbs., 50c.; 100 lbs., $1.25; $2.25 per 200 lbs.; 600 lbs., $5.75; $8.50 per 1000 lbs.; per ton, $16.25.

Salt. For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds. Apply 600 to 800 lbs. per acre in early spring. 25c. for 25 lbs.; 75c. per 100 lbs.; 200 lbs., $1.35; $9.00 per ton.

Sheep Manure (*Wizard Brand*). Apply 1000 lbs. per acre. For garden, lawn or greenhouse use nothing surpasses sheep manure; it is clean and easily handled, besides giving immediate results. *Prices, f. o. b.* Philadelphia, 20c. per 5 lbs.; 10 lbs., 30c.; 50c. per 25 lbs.; per 100 lbs., $1.50; 500 lbs., $7.00; $13.50 per 1000 lbs.; per ton, $26.00.

Sheep Manure (*Wizard Brand*). F. o. b. Chicago. For our western and southwestern customers shipment can be made from Chicago at considerable saving in freight charges. 100 lbs., $1.25; $6.00 per 500 lbs.; 1000 lbs., $10.00; $19.00 per ton.

Soot (*Imported Scotch*). This is used principally for bringing a good, healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs., 25c.; 40c. for 10 lbs.; 75c. per 25 lbs.; 112 lbs., $2.75; $12.50 for 560 lbs.

Sulphate of Ammonia. Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. This material will stimulate growth almost immediately. Analysis, equal to 25% of ammonia. 5 lbs., 30c.; 55c. for 10 lbs.; 25 lbs., $1.25; $4.50 for 100 lbs.; 200 lbs., $9.00.

Sulphate of Potash. Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for root and grain crops. Analysis, equal to 50% of acutal potash. Prices are not established on account of European complications; will fill orders at lowest rates.

Tankage. This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 75c.; $1.25 per 50 lbs.; 100 lbs., $2.00; $3.50 per 200 lbs.; ton, $32.00.

Thomson's Special Flower, Vegetable and Vine Manure. Imported from England, this excellent chemical fertilizer is extensively used wherever it is desired to force flowers or vegetables. 28 lbs., $1.60; $3.10 per 56 lbs.; 112 lbs., $6.00.

Wheat Fertilizer. For grass and grain crops. Apply 5 to 600 lbs. per acre. 200 lbs., $3.00; $13.00 per ½ ton; per ton, $25.00.

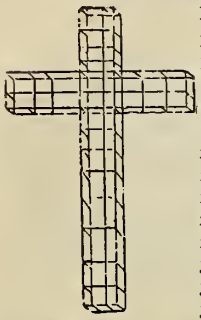
Tobacco Stems. For fumigating, mulching and fertilizing. Lb., 5c.; per bushel, 40c.; 75c. per barrel sack; large bales, $1.50; ½ ton, $5.50; ton, $10.00.

Wood Ashes. See ashes at top of opposite page.

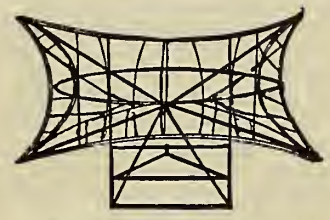
We are prepared to furnish analysis of all Fertilizers we sell (hc)

WIRE DESIGNS

CROSSES No. 74



In.	Each	Doz.	100
10	$0.05	$0.55	$4.25
12	.06	.65	5.25
14	.07	.78	6.25
16	.08	.90	7.25
18	.09	1.02	8.25
20	.10	1.15	9.25
22	.12	1.35	10.50
24	.14	1.60	12.50
26	.17	1.90	15.50
28	.20	2.30	18.75
30	.23	2.60	21.00
32	.28	3.25	26.00
34	.33	4.00	31.50



PILLOWS—FLAT No. 169

Inches	Each	Doz.	Inches	Each	Doz.
10	$0.10	$1.10	20	$0.20	$2.28
12	.12	1.30	22	.22	2.52
14	.14	1.60	24	.27	3.12
16	.16	1.80	26	.33	3.75
18	.19	2.00	28	.38	4.50

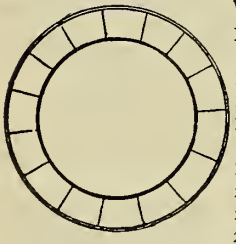
HORSE SHOES No. 129

Inches	Each	Doz.	Inches	Each	Doz.
12	$0.14	$1.62	24	$0.40	$4.60
14	.18	2.00	26	.55	6.25
16	.20	2.25	28	.65	7.25
18	.25	2.65	30	.75	8.75
20	.30	3.40	33	.90	10.00
22	.35	4.00	36	1.00	11.50

GATES AJAR No. 110

Measurements Include Entire Height

	Each
18 inches high	$0.70
21 " "	.90
24 " "	1.15
27 " "	1.50
30 " "	1.75
33 " "	1.90
36 " "	2.20



WREATHS No. 220

In.	Each	Doz.	100
8	$0.05	$0.55	$4.25
10	.07	.80	6.25
12	.09	1.00	8.00
14	.11	1.25	9.75
16	.14	1.60	12.50
18	.17	1.95	15.50
20	.20	2.30	19.00
22	.24	2.75	22.00
24	.27	3.10	24.00

ANCHORS No. 1

Inches	Each	Doz.	Inches	Each	Doz.
10	$0.11	$1.20	18	$0.19	$2.15
12	.12	1.40	20	.22	2.50
14	.14	1.60	22	.25	2.80
16	.17	1.90	24	.30	3.40

STAR AND CRESCENT No. 61

	Each	Doz.
14 inch	$0.35	$4.00
16 "	.40	4.50
18 "	.50	5.50
20 "	.55	6.00

WIRE SNIPS

	Each
7½ inches, short blade, No. 833	$0.60
8 " long " No. 832	.65
8 " heavy	.75
10 " " No. 12	1.00

MOSS

We make a specialty of long, clean, selected sphagnum moss; florists will find the quality we furnish to be much better than the average.

Sphagnum, Live or Green. Peck, 20c.; 60c. per bush. per bbl., $1.40

Sphagnum, Dry. Barrel bales 50c. if called for; (if shipped, 60c.)

Sphagnum, Dry. 5-barrel bales, $1.75 (3 bales for $5.00), $9.00 for 6 bales.

Green Lump. Peck, 25c.; 70c. bush.; bbl. bag, $1.35.

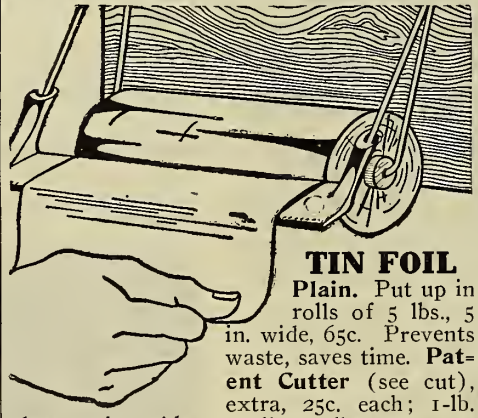
Green Sheet. Peck, 30c.; $1.10 bush., bbl. bag, $2.50.

WIRED TOOTH PICKS

Regular Size. (Plain.) 10,000, $1.75; $7.50 for 50,000.

6-inch Size. Dyed green. $1.25, box of 3,000.

Plain Tooth Picks. 5c. box, doz. boxes 50c.



TIN FOIL

Plain. Put up in rolls of 5 lbs., 5 in. wide, 65c. Prevents waste, saves time. **Patent Cutter** (see cut), extra, 25c. each; 1-lb. pkgs., 5 in. wide, 11c. lb.; 2 lbs. 20c., 50c. for 5 lbs.; 25 lbs., $2.40; $9.50 per 100 lbs.

Violet Foil. 30c. per lb., 5 lbs. $1.25.

Green Foil. 30c. per lb., 5 lbs. $1.25.

PAPER FOR FLOWERS

	Sheets per ream	Lb.	Ream
Manilla. For wrapping.	480	$0.07	$1.30
" Tissue	480	.09	.70
Wax. White. 24 x 36 inches	480	.15	1.50
Wax. Green. Best quality, 24 x 36 inches	480	.20	1.80
White Tissue. 20 x 30 inches	480	.11	.90

SPRAYWELL RUBBER SPRINKLERS

For sprinkling cut flowers, seedlings, etc.

Straight Neck. 6 ozs. capacity $0.55

Straight Neck. 10 ozs. capacity .75

Crook Neck. 6 ozs. capacity .55

Crook Neck. 10 ozs. capacity .75

CARNATION MENDERS

Carnation Staples

For calyx mending. 35c. per 1000, 5000 for $1.50, $2.80 for 10,000, 25,000 for $6.50, $12.50 for .50,000.

Rubber Bands

Ounce 25c., ¼ lb. 85c., ½ lb. $1.60, 1 lb. $3.00. Add for postage.

Bauer Carnation Outfits

Pliers and 1000 clips, $2.50.

Pliers, each $2.00.

Clips, 80c. per 1000, postpaid; 2000 for $1.50; $3.25 per 5000.

FLORISTS' SUNDRIES

	Peck	Bu.	Bbl.	Sack
Charcoal (Lump)	$0.20	$0.60		$1.25
Cocoanut Fibre	.30	.75		2.00
Leaf Mould	.20	.60		1.25
Pebbles	.20	.80		2.00
Peat. (5 barrels, $5.50)	.20	.60		1.25
Peat, Orchid	.25	.80		2.00
Sand. For propagating.	.20	.60		1.50
Soil. Prepared potting.	.20	.65		1.75

Celery Brushes. Large, 40c.; small, 25c.

Celery Tape. 1000 yds., $2.00.

Carnation Dye. (Green.) 50c. per bottle.

Daylite Glass Cleaner. For greenhouse glass. 1 gal., $1.00; $4.50 per 5 gals.

Grafting Wax. ¼ lb., 8c.; 12c. ½ lb.; lb., 20c.; 90c. 5 lbs.

Shaderine. 5 lbs. for $1.00; 10 lbs., $1.60; 30 lbs., $3.60; $6.00 per 60 lbs.; 100 lbs., $8.00; $14.00 per 200 lbs.

Styptic. Pruning compound. 90c. bottle.

Weed Killer. (Herbicide.) Qt., 48c.; 75c. ½ gal.; gal., $1.40; $5.25 per 5 gals.

Weed Killer. (Michell's.) $1.00 gal.; 5 gals., $4.50; $8.50 10 gals.; 50 gals., $35.00.

Zementine. For whitewashing and shading glass. 2 lbs., 15c.; 70c. for 10 lbs.; 100 lbs., $6.50; barrels (325 lbs.), 6c. per lb.

100M-2-15. Wolf. ni-1000

PUT 2c
STAMP
HERE

Michell's Seed House

518 Market Street

Philadelphia

ALPHANO HUMUS for Greenhouse Benches and Potting

THIS article is prepared from deposits of decayed vegetable matter, taken from the bottom of an abandoned dried lake. It has been successfully used for several years and has proven to be worthy of extensive use. It is desirable for greenhouse, lawn, golf grounds, vegetable and flower garden work. Humus in some form is the most essential element of plant life. It is rich in Ammonia, Phosphoric Acid, Potash and Lime, and shows an analysis of between 77 and 80 per cent. of Humus. For lawns it is applied as a top dressing from ½ to 1 inch in depth, which should be then worked in.

If grass seed is to be sown, then is the time to apply it. On golf links it is used in a similar way.

For flower and Vegetable Garden, apply at rate of ½ to 2 inches deep and fork it well in the soil, or apply it in trenches, the same as you would well rotted manure.

For pot plants mix about ⅓ of the Humus with ⅔ of regular potting soil. A ton of Humus is equal to about 2 cubic yards. The smallest quantity sold is 100 lbs. Alphano Humus is thoroughly prepared, properly screened and ready for use. It is absolutely free from weeds or any contamination. It may be used pure if desired. Cannot burn or injure plants in any way.

You can have a Conservatory or Greenhouse like this if you use Alphano Humus

	100 lb.	500 lb.	1000 lb.	Ton
Price f. o. b. Philadelphia	$1.00	$4.75	$8.50	$15.50
Price f. o. b. Alphano, N. J.	.90	4.00	6.50	12.00

	Ton in carload lots in 100-lb. bags. Minimum car 20 tons	Ton in bulk Minimum car 30 tons
F. o. b. Alphano, N. J.	$10.00	$8.00

DOMESTIC WOOD ASHES---Nature's Plant Food

HARD WOOD—UNLEACHED

The present scarcity of Potash makes this a very important article with the florist. While we still handle Canadian Wood Ashes, many florists are demanding something lower in price. Through special arrangement with a large corporation, who burn enormous quantities of hardwood in their business, we are able to offer these unleached ashes at very low price. They are rich in Potash and wood lime, which are very necessary fertilizers. Carnation, Rose and Crysanthemum growers will find these of wonderful value. It is largely used for mixing with potting soil, or as a top dressing for benches. For outdoor crops, such as Dahlias, Cannas, Gladiolus, Paeonies, etc., Wood Ashes are remarkably effective. As we are able to get these ashes in sacks only, and they do not store long in this style package, we do not carry these in stock. We are able, however, to supply these very promptly from the warehouse, only a short distance from Philadelphia. Florists, however, can stack them, as the bags remain intact, until the material is used, but they cannot be rehandled. Further it is a considerable saving to you over the cost of barrels by shipping in sacks. Remember, these are pure, unleached Hardwood Ashes without any adulteration. It will prove one of the best plant foods obtainable. The supply of these is limited, and we may at any time be obliged to withdraw this offer. For Golf Courses, Lawns, Putting Greens, Vegetable Gardens, Pasture or Hay Fields, Wood Ashes will prove a great benefit. Apply at the rate of 1000 lbs. per acre for outdoor use, or at the rate of 50 lbs. per cubic yard of potting soil. On account of the close margin of profit, at which we sell this, it being our desire to give customers the advantage of the low price, we cannot book orders for less than ½ ton for Domestic Wood Ashes. We can, though, furnish smaller quantities of Canadian Hard Wood Ashes.

PRICES

	Per 1000 lbs.	Per Ton
F. o. b. Philadelphia	$8.00	$15.00
F. o. b. Warehouse, near Philadelphia	6.50	12.00

Special rates in carload lots.

MICHELL'S SEED HOUSE

518 Market Street **Philadelphia, Pa.**

Wizard Brand Manures (Free from Weeds)

For Florists, Market Gardeners and Fruit Growers' Use, Also All Field Crops

ANIMAL MANURE IS NATURE'S FERTILIZER

Its value and usefulness is best evidenced by its scarcity wherever intensive cultivation is carried on. The local supply is never equal to the demand among experienced growers who know that nothing will take the place of good manure.

Wizard Manures are the richest and strongest of all animal manures, and Wizard Brand is an unusual quality of pure manure accumulated in the West, where millions of sheep and cattle are fattened for market.

FOR THE GREENHOUSE

The advantage of Wizard Brand Manure in greenhouse culture has made this brand a standard among the best growers all over the country. Its absolute purity, freedom from mixture, convenient, highly concentrated form, makes it almost indispensable to every greenhouse grower.

It eliminates the use of objectionable stable manure, and with a few bags of each kind in your storehouse you are prepared for feeding or mixing pot and bench soil just as needed.

WIZARD BRAND MANURES

Are prepared by a special drying, screening and grinding process which destroys every weed seed and eliminates every bit of worthless bedding and foreign matter. Only the pure fertilizer in most concentrated and effective form is packed in bags for convenient and economical use.

WIZARD BRAND MANURES

For greenhouse, vegetable and fruit growing both kinds are used in place of stable manures and are much more convenient, effective and economical, because they are concentrated, easily handled and applied.

FOR FIELD CROPS

For fruits, vegetables and grain in the field there is nothing equal to good manure. The peculiar action of the humus and organic matter it supplies and the effect of these on both soil and plant are well known to every experienced grower. Chemicals and manufactured fertilizers can never take the place of manure in the soil.

See top of next column for price on Sheep Manure.

WIZARD BRAND PULVERIZED SHEEP MANURE

This is probably the most extensively used of animal manures by the florist and market gardener. The analysis shows it to be a perfectly balanced plant food.

Pulverized Sheep Manure acts quickly and is invaluable for carnations, mums and other crops that require a quick stimulant at certain stages of development or because of unfavorable weather conditions.

Pulverized Sheep Manure

	100 lbs.	500 lbs.	1000 lbs.	2000 lbs.
F. o. b. Philadelphia	$1.50	$7.00	$13.50	$26.00
F. o. b. Chicago	1.25	6.00	10.00	19.00

Special prices in carload lots.

WIZARD BRAND SHREDDED CATTLE OR COW MANURE

This is carefully selected manure taken from brick-paved cattle pens at Western Stock Yards, where the highest quality of Cattle Manure is available in large quantities. It is kept entirely separate from other manures and is reduced by the Wizard Brand process of direct heat drying and screening, but is packed in coarse, shredded form instead of being finely pulverized.

Shredded Cattle Manure is slower acting, and is especially suited to every need of the rose grower for soil mixing, mulching and liquid manuring. It is used by many of the largest rose growers in this country.

Shredded Cow or Cattle Manure

	100 lbs.	500 lbs.	1000 lbs.	2000 lbs.
F. o. b. Philadelphia	$1.50	$6.50	$12.00	$23.00
F. o. b. Chicago	1.25	5.00	9.00	17.00

Wizard Pulverized Cow or Cattle Manure

	100 lbs.	500 lbs.	1000 lbs.	2000 lbs.
F. o. b. Philadelphia	$1.50	$7.00	$13.00	$25.00
F. o. b. Chicago	1.25	5.50	9.50	18.00

Special prices in carload lots.

SPECIAL NOTE

Shipment of Wizard Brand Manures can be made direct from Chicago at the prices named above. This means a considerable saving in freight for many customers residing elsewhere than adjacent to Philadelphia. Freight rates cheerfully quoted from Chicago to your R. R. Station. Recently the freight rates on this commodity to southern points has been considerably reduced, and purchasers there may make considerable savings in freight over former rates.